ECOHEALTH FORUM 2008 PROCEEDINGS
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1. INTRODUCTION

The National Institute of Public Health (INSP) of Mexico hosted the International EcoHealth Forum 2008 (IEF2008) in collaboration with the International Development Research Centre (IDRC, Canada), the International Association for Ecology and Health (IAEH), the Oswaldo Cruz Foundation, Brazil (FIOCRUZ), the Institute of Ecological Research, Brazil (IPÊ), the Faculty of Veterinary Medicine and Zootecny of the University of São Paulo, Brazil (USP), and the Pan American Health Organization (PAHO).

As proposed IEF 2008 showed evidence of theory and practice regarding our dependence on ecosystem health. Evidence of the impact of social and ecological changes on the global environment and, in turn, on human health was discussed among the Forum’s participants. Special emphasis was placed on EcoHealth research in developing countries, fostering exchanges of lessons learned between developing and developed countries.

Conference participants – researchers, policy-makers and practitioners – learned how project outcomes have been used by other policy-makers, stakeholders and community representatives to effect improvements in ecosystem management, disease prevention and environmental protection. Experiences with research and practice, including methodological gaps, as well as opportunities for intervention and policy development were presented.

The IEF 2008 took place on December 1-5, 2008 in the city of Mérida, Yucatán, México with an attendance of 689 participants from 69 countries. The venues chosen for the event were the hotels Fiesta Americana and Hyatt Regency Mérida. The Scientific Program was designed to include Pre-forum workshops on November 30, December 1st and 5th. Plenary Sessions were scheduled during the mornings with Parallel Sessions taking place in the afternoons of December 2, 3 and 4. Networking time was allocated between sessions, and Poster Expos was organized at lunchtime with the authors present. December 5 was devoted to site-visits.
The IEF 2008 webpage was designed not only to promote the IEF2008 but also as a means to develop on-line systems for submission of abstracts, payment of registration fees – both for IEF2008 and AIEH – abstract review process, and scholarship and travel assistance allocation.

Communications was a key element for the success of the Forum, a Communications Strategy was developed as an On-site Communications Strategy. The presented 519 abstracts, and 109 parallel sessions were registered with an average of 4 speakers per session. The pre-forum workshops reached a total of 12 successful work sessions. The Scholarship and Travel Assistance committee reported 20 full-scholarships and 107 people were awarded some kind of travel assistance.

An external advisor was hired to evaluate the forum from the organizers and participants vision. More than 90% of them reported that their expectative were accomplished. From this evaluation we think that the mission and objectives of the Forum were covered.

2. SCIENTIFIC PROGRAM.

A group of 32 people worked in developing the scientific program. The final versions of the scientific presented a variety of experiences around the world applying ecosystem in research and develop programs. The opening ceremony had the participation of relevant local, federal and international representatives.

For the opening ceremony, the forum had the participation of the following personalities:

- Ivonne Ortega Pacheco, State Governor of Yucatán
- Mauricio Hernández, Subsecretary of Mexican Health Minister
- Mario Henry Rodríguez López. General Director of the National Public Health Institute of Mexico (INSP)
- José Herrán Lima Deputy Ambassador, Canadian Embassy in Mexico
• Lauchlan Munro, Vice President, Corporate Strategy and Regional Management, International Development Research Centre (IDRC)
• Jonathan Patz, President, International Ecohealth Association
• Carlos Corvalán, Area Manager, Sustainable Development and Environmental Health, Pan American Health Organization (PAHO)
• Sandra Hacon, Oswaldo Cruz Foundation (FIOCRUZ)

Also there were other special guests:

• Álvaro Augusto Quijano Vivas, Director General of Health Services, Yucatán State
• Eduardo Batllori Sampedro, Secretary of Urban Development and Environment, Yucatán State
• Phillipe Lamy, Panamerican Health Organization, World Health Organization in Mexico

During the opening ceremony Ivonne Ortega Pacheco, the Governor of Yucatan, spoke about how healthy ecosystems are the basis of a society’s strength since preventing environmental degradation also prevents physical and psychological health problems.

The Vice President of Corporate Strategy and Regional Management for Canada’s International Development Research Centre, Lachlan Munro, said that the challenge of climate change faced by the world today must be addressed using an interdisciplinary approach.

Canada’s Deputy Ambassador to Mexico, José Herrán Lima, said that Yucatan is an example of sustainable development, where respect for nature and the environmental are the foundation of public health improvements.

The Vice Minister of Health Prevention Promotion from Mexico’s Ministry of Health, Mauricio Hernandez Avila, spoke about the urgency of using interdisciplinary measures to avoid further environmental degradation and to improve public health.
The presence of these personalities gave the opening ceremony the waited impact at the local, national and international level. The magistral conference by Dr Carlos Nobre gave the note setting the forum in tone with one of the main issues in the area of ecosystems and health: Climate Change: Challenges and Opportunities.

Nobre’s message focused on challenges and opportunities that global climate changes imply for our planet. The critical points at a global scale, according to Nobre, are the warming of the Arctic and Greenland, ocean acidification and coral whitening, phenomena that will have huge impact on weather, economy and food safety.

Nobre also pointed out that to achieve green house effect gases emission stabilization and to reduce negative effects of climate change it will be of utmost importance for emerging countries to increase their Human Development Level without having a strong environmental impact generated by development itself.

2.1 Plenary Sessions

According with the program, each day of the forum, opened with a plenary session:

- Climate change and the future of ecosystems and people: reducing vulnerability, developing solutions

The first plenary session of the International Ecohealth Forum 2008 addressed climate change and its effects on people’s lives at different levels by discussing such varied topics as gas emissions in Mexico City, the incidence of malaria in Africa and human health vulnerability as an aftermath of global warming and climate change. This panel included the participation of three distinguished scientific researchers, and was moderated by Dr Jonathan Patz, the President of the International Association for Ecology and Health.

The first speaker, Leonora Rojas from Mexico City, spoke about fuel efficiency and good practices to avoid hazardous gas emissions making reference to gas
emissions studies carried out in Mexico City. She stated that a feasible solution for the problem is the efficient use of high quality fuels.

Mercedes Pascual, from the Massachusetts Institute of Technology, spoke about malaria in Africa and its relation to climate change and global warming. She informed the audience that there are 111,000 deaths due to malaria epidemics each year, and that 110 million Africans are at risk of contracting diseases such as malaria.

Pascual said that drug resistance is almost as serious as the climate change itself and rising temperatures and high rainfall, caused by climate change, might double or triple the number of malaria cases in Africa. She identified Kenya, Uganda, Rwanda and Burundi as malaria hot spots in a transmission model that begins with a loss of immunity, leads to infection, treatment and recovery, when its aftermath is not death.

Marilyn Aparicio, from the National Climate Change Program in Bolivia said that glaciers are melting and shrinking due to higher temperatures which are turning snow regions into dry lands. These changes are causing hailstorms and other meteorological phenomena such as ice blizzards and drought, which in turn damage agricultural production and compromise food safety.

She also spoke about biodiversity loss and an increasing number of dry valleys which, along with meteorological phenomena, are causing extreme weather events in Bolivia (and all around the world). These events are leading to an alarming increase in disease rates and death tolls due to the destruction or damage to roads and human settlements.

- Emerging Diseases as a Global Threat: understanding the resurgence
Dr. Carlota Monroy from the Laboratory of Entomology of the San Carlos University in Guatemala, talk about Chagas disease and its relationship with altered environments.

Tony Goldberg, veterinary epidemiologist from Madison University in Wisconsin and James Mills, ecology expert, from the US CDC talk about sanitary problems related with pets and cattle.

Finally Joseph Okello, from the University of Gulu in Uganda talk about malaria dispersion and its relationship with climate change. dijo que la malaria se está convirtiendo en un problema muy serio en todo el mundo, especialmente en África, y que el cambio climático es la causa principal del resurgimiento de esta enfermedad. Asimismo, señaló que debido al cambio climático, enfermedades como Malaria están afectando a la población sin importar estatus o clases sociales.

- The title of the third plenary was A world without limits: juggling development, health and ecosystem sustainability. Three interesting case studies were presented. Suzana Padua from the Instituto de Pesquisas Ecológicas de Brasil; Jaime Breihl, from the Universidad Andina Simón Bolívar de Ecuador; Suwit Wibulpolprasert and Daniel Robledo from the Research Department from CINVESTAV- Mérida.

Also there was a Synthesis Plenary that was a success thanks to the worked developed by a team of participants who gathered the main issues discussed during the forum. A final document was written by this group and it is being circulated for revision. This final document, (the call for action document) is now being circulated for final comments from the participants.

3. PDF PRESENTATIONS

The participants were asked to give a pdf copy to be posted in the Forum webpage. Attached you can find all the presentations available in this format (link).
4. FORUM STATISTICS.

A total of 689 participants were registered. The following table describes the number of participants by country. Attached the complete list of participants.

4.1 Table 1. Forum participants by country.

<table>
<thead>
<tr>
<th>No</th>
<th>país</th>
<th>asistentes</th>
<th>No</th>
<th>país</th>
<th>asistentes</th>
</tr>
</thead>
<tbody>
<tr>
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<td>35</td>
<td>Filipinas</td>
<td>3</td>
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<tr>
<td>2</td>
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<td>100</td>
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<td>Sri Lanka</td>
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<td>Canadá</td>
<td>95</td>
<td>37</td>
<td>Yemen</td>
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<td>Brazil</td>
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<td>Ecuador</td>
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<td>39</td>
<td>China</td>
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<td>6</td>
<td>Uruguay</td>
<td>14</td>
<td>40</td>
<td>Dominic Republic</td>
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<td>Peru</td>
<td>12</td>
<td>41</td>
<td>France Metropolitan</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>Colombia</td>
<td>11</td>
<td>42</td>
<td>Germany</td>
<td>2</td>
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<td>9</td>
<td>Egypt</td>
<td>11</td>
<td>43</td>
<td>Malaysia</td>
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<td>India</td>
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<td>44</td>
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<td></td>
<td>United Kingdom</td>
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<td>45</td>
<td>Nicaragua</td>
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<tr>
<td>12</td>
<td>Kenya</td>
<td>10</td>
<td>46</td>
<td>Vietnam</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>Argentina</td>
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<td>47</td>
<td>Barbados</td>
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<tr>
<td>14</td>
<td>Costa Rica</td>
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<td>48</td>
<td>Botswana</td>
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<tr>
<td>15</td>
<td>South Africa</td>
<td>7</td>
<td>49</td>
<td>Ethiopia</td>
<td>1</td>
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<tr>
<td>16</td>
<td>Switzerland</td>
<td>7</td>
<td>50</td>
<td>Fiji</td>
<td>1</td>
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<tr>
<td>17</td>
<td>Uganda</td>
<td>7</td>
<td>51</td>
<td>Finland</td>
<td>1</td>
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<td>18</td>
<td>Cuba</td>
<td>6</td>
<td>52</td>
<td>French Guiana</td>
<td>1</td>
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<tr>
<td>19</td>
<td>Guatemala</td>
<td>6</td>
<td>53</td>
<td>Guinea</td>
<td>1</td>
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<tr>
<td>20</td>
<td>Lebanon</td>
<td>6</td>
<td>54</td>
<td>Guyana</td>
<td>1</td>
</tr>
<tr>
<td>21</td>
<td>Senegal</td>
<td>6</td>
<td>55</td>
<td>Lithuania</td>
<td>1</td>
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<tr>
<td>22</td>
<td>Venezuela</td>
<td>6</td>
<td>56</td>
<td>Namibia</td>
<td>1</td>
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<tr>
<td>23</td>
<td>Australia</td>
<td>5</td>
<td>57</td>
<td>New Zealand</td>
<td>1</td>
</tr>
<tr>
<td>24</td>
<td>Benin</td>
<td>5</td>
<td>58</td>
<td>Nigeria</td>
<td>1</td>
</tr>
<tr>
<td>25</td>
<td>Côte d'Ivoire</td>
<td>4</td>
<td>59</td>
<td>Norway</td>
<td>1</td>
</tr>
<tr>
<td>26</td>
<td>Tanzania</td>
<td>4</td>
<td>60</td>
<td>Pakistan</td>
<td>1</td>
</tr>
<tr>
<td>27</td>
<td>Belgium</td>
<td>3</td>
<td>61</td>
<td>Panama</td>
<td>1</td>
</tr>
<tr>
<td>28</td>
<td>Bolivia</td>
<td>3</td>
<td>62</td>
<td>Singapore</td>
<td>1</td>
</tr>
<tr>
<td>29</td>
<td>Chile</td>
<td>3</td>
<td>63</td>
<td>Spain</td>
<td>1</td>
</tr>
<tr>
<td>30</td>
<td>Indonesia</td>
<td>3</td>
<td>64</td>
<td>St. Lucia</td>
<td>1</td>
</tr>
<tr>
<td>31</td>
<td>Malawi</td>
<td>3</td>
<td>65</td>
<td>Sweden</td>
<td>1</td>
</tr>
<tr>
<td>32</td>
<td>Morocco</td>
<td>3</td>
<td>66</td>
<td>Syria</td>
<td>1</td>
</tr>
<tr>
<td>33</td>
<td>Nepal</td>
<td>3</td>
<td>67</td>
<td>Thailand</td>
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<tr>
<td>34</td>
<td>Paraguay</td>
<td>3</td>
<td>68</td>
<td>Zimbabwe</td>
<td>1</td>
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<td>Total</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total 689</td>
</tr>
</tbody>
</table>
The Forum required the services of a group of evaluators in order to assure us an analytic panorama of demographic aspects—origin, gender and interests; organizational issues - quality, efficiency, logistic- as well as of answer and impact in the EcoHealth community (Attachment). The evaluators applied a survey to participants from different continents and gender (Figure 4) and themes of interest (Table 2).

**4.2 Table 2 General satisfaction according with participants expectations.**

![Bar chart showing general satisfaction](image-url)
### 4.3 Table 3: Participants' opinion on thematic Forum contents

<table>
<thead>
<tr>
<th>The thematic contents of the Forum:</th>
<th>Yes</th>
<th>No</th>
<th>Sin Opinión</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provided you with new information/knowledge related to your field of work?</td>
<td>90</td>
<td>7</td>
<td>6.86%</td>
</tr>
<tr>
<td></td>
<td>88.24%</td>
<td>6.86%</td>
<td>4.9%</td>
</tr>
<tr>
<td>Brought to discussion the main themes on ecohealth approaches?</td>
<td>91</td>
<td>8</td>
<td>7.84%</td>
</tr>
<tr>
<td></td>
<td>89.22%</td>
<td>7.84%</td>
<td>2.94%</td>
</tr>
<tr>
<td>Facilitated a better understanding and new knowledge of the various new and/or existing ecohealth approaches?</td>
<td>87</td>
<td>11</td>
<td>10.78%</td>
</tr>
<tr>
<td></td>
<td>85.29%</td>
<td>10.78%</td>
<td>3.92%</td>
</tr>
<tr>
<td>Presented research evidence and concrete study cases that demonstrated the adaptability and valuable contribution of ecohealth approaches?</td>
<td>89</td>
<td>12</td>
<td>11.76%</td>
</tr>
<tr>
<td></td>
<td>87.25%</td>
<td>11.76%</td>
<td>0.98%</td>
</tr>
<tr>
<td>Demonstrated the need to develop ways of improving collaboration, enduring institutionalization and increase solid links between research and practice?</td>
<td>85</td>
<td>10</td>
<td>9.8%</td>
</tr>
<tr>
<td></td>
<td>83.33%</td>
<td>9.8%</td>
<td>6.86%</td>
</tr>
<tr>
<td>Helped to identify and share viable and replicable solutions to environmental and human health problems?</td>
<td>78</td>
<td>14</td>
<td>13.73%</td>
</tr>
<tr>
<td></td>
<td>76.47</td>
<td>13.73%</td>
<td>9.8%</td>
</tr>
<tr>
<td>Contributed to recognize pathways for more sustainable action and interventions on these fields?</td>
<td>76</td>
<td>9</td>
<td>8.82%</td>
</tr>
<tr>
<td></td>
<td>74.51%</td>
<td>8.82%</td>
<td>16.67%</td>
</tr>
<tr>
<td>Supported the comprehension and importance of the global dimension in today’s and near future scenarios related to the ecohealth agendas?</td>
<td>82</td>
<td>7</td>
<td>6.86%</td>
</tr>
<tr>
<td></td>
<td>80.39%</td>
<td>6.86%</td>
<td>12.75%</td>
</tr>
</tbody>
</table>
4.4 Table 4. Participants opinion on key ecohealth elements into the Forum Presentations

<table>
<thead>
<tr>
<th>Presentations effectively communicated the significance of the following key elements of the ecohealth perspective:</th>
<th>Yes</th>
<th>No</th>
<th>Sin Opinión</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) The holistic approach (healthy environments, healthy people)</td>
<td>88</td>
<td>2</td>
<td>11.76%</td>
</tr>
<tr>
<td>b) The nexus between ecohealth and well being</td>
<td>75</td>
<td>14</td>
<td>12.75%</td>
</tr>
<tr>
<td>c) Gender, social equity and sustainable development</td>
<td>67</td>
<td>19</td>
<td>15.69%</td>
</tr>
<tr>
<td>d) Trans-disciplinarity</td>
<td>84</td>
<td>7</td>
<td>10.78%</td>
</tr>
<tr>
<td>e) The connexions between science, policy, theory and practice</td>
<td>64</td>
<td>24</td>
<td>13.73%</td>
</tr>
</tbody>
</table>
5. FINAL COMMENTS.

As proposed in the mission, the 2008 Ecohealth forum was a milestone in the history of the ecohealth movement. As mentioned by Dominique Charrion, this was the greatest meeting on ecohealth and as mentioned by Mario Henry Rodriguez it stimulated next research and work on ecohealth al around the world. According to the organizers and the participants, most of the objectives proposed were reached. Several lessons and recommendations for next Ecohealth meetings derive from this Forum.

The comments from the final plenary working group, clearly shows the final thoughts and feelings from the participants:

“The evidence from the International EcoHealth Forum 2008, held in Merida, Mexico, December 1-5, 2008, is compelling on the need for urgent action. Urgent action is needed if we are, as responsible professionals and people of the world, to help in changing course from one of wanton ecosystem destruction, to one of global sustainability - locally, regionally and globally. Better human health depends on healthier ecosystems and on sustainable living.”

For the INSP, this was a very exciting experience, most importantly many people from Latin America and other developing countries could attend the Forum, and this was one of the main objectives when we accepted to host the forum. The amount and quality of networking created or strengthen cannot be reported with numbers, but it is clear for us that this main goal was accomplished.

All the challenges included the participation of many institutions and organizations in the committees, the complicated governance structure, the distance, the communication problems, visa arrangements, administration and bureaucracy from different institutions and in the end the financial crisis could be get around.

We are sure that this Forum will contribute significantly to our initial purpose to create healthy environments for healthy people in the future.
<table>
<thead>
<tr>
<th>idper</th>
<th>nombre</th>
<th>apellido</th>
<th>institucion</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>COLIN</td>
<td>SOSKOLNE</td>
<td>University of Alberta</td>
</tr>
<tr>
<td>18</td>
<td>JOSE ANTONIO</td>
<td>AVALOS GONZALEZ</td>
<td>insp</td>
</tr>
<tr>
<td>20</td>
<td>REETU</td>
<td>SOGANI</td>
<td>NA</td>
</tr>
<tr>
<td>34</td>
<td>JANINE</td>
<td>RAMSEY</td>
<td>CRISP</td>
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<tr>
<td>36</td>
<td>MICHAEL</td>
<td>MUEHLENBEIN</td>
<td>Indiana University</td>
</tr>
<tr>
<td>40</td>
<td>ZSOFIA</td>
<td>OROSZ</td>
<td>International Developer</td>
</tr>
<tr>
<td>44</td>
<td>PATRICK</td>
<td>SUYKERBUY</td>
<td>National Center for Atmosphere</td>
</tr>
<tr>
<td>47</td>
<td>MERCY</td>
<td>BORBOR-CORDOVA</td>
<td>Institute of Cardiology of I</td>
</tr>
<tr>
<td>49</td>
<td>VILJA</td>
<td>MALINAUSKIENE</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>BERNÁ</td>
<td>VAN WENDELE JOODE</td>
<td>Universidad Nacional</td>
</tr>
<tr>
<td>62</td>
<td>MARTIN</td>
<td>BUNCH</td>
<td>Martin Bunch</td>
</tr>
<tr>
<td>70</td>
<td>Andrés Francisco</td>
<td>Pilon</td>
<td>University of São Paulo</td>
</tr>
<tr>
<td>73</td>
<td>LAAMARI</td>
<td>ABDELALI</td>
<td>National Institute for Agriculture</td>
</tr>
<tr>
<td>75</td>
<td>DAVID</td>
<td>NKWANGA</td>
<td>NATURE PALACE FOUNDATION</td>
</tr>
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<td>TRINH</td>
<td>TU ANH</td>
<td>Vietnam Aviation Academy</td>
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<tr>
<td>80</td>
<td>CARA</td>
<td>HONZAK</td>
<td>World Wildlife Fund</td>
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<td>MELINA</td>
<td>KALAMANDEEN</td>
<td>Iwokrama International Co</td>
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<td>85</td>
<td>OSWALDO</td>
<td>HUCHIM</td>
<td>Facultad de Medicina</td>
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<td>91</td>
<td>ARMANDO</td>
<td>ARREDONDO</td>
<td>NATIONAL INSTITUTE OF Health</td>
</tr>
<tr>
<td>95</td>
<td>DONALD</td>
<td>COLE</td>
<td>University Toronto, Intern</td>
</tr>
<tr>
<td>96</td>
<td>ABDERRAHMANE</td>
<td>AIT LHAJ</td>
<td>NATIONAL INSTITUT OF Agriculture</td>
</tr>
<tr>
<td>99</td>
<td>ESMERALDA</td>
<td>CERVANTES</td>
<td>El Colegio de Chihuahua</td>
</tr>
<tr>
<td>101</td>
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HERSCH.

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AVILA GONZALEZ
ARENAS-MONREAL
CEVALLOS

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BETAMZOS REYES
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Comision por la Proteccio
secretaria de salud
international press service
puerta del mayab
secretaria de salud y sanid
Ops/Oms Mexico
UNIVERSIDAD NACIONAL.
edu_dearaujo@yahoo.com.br
pvelasqu@interchange.ubc.ca
rrcanul@yahoo.com.mx
berroteran05@yahoo.es
sanchez_garduno@yahoo.com
lewisn@eastwestcenter.org
Brettania.Walker@gmail.com
dwaltner@uoguelph.ca
corvalan@bra.OPS-OMS.org
elsa.cervantes@uaslp.mx
acabrera@insp.mx
thomas.gillespie@emory.edu
jepall@idrc.ca
fgasengayire@idrc.or.ke
fernando.patino@insp.mx
secretariat@diversitas-international.org
mrice@essp.org
mini_xe13000@hotmail.com
ijbv1970@hotmail.com
enrique@eluniversal.com.mx
robert.lannigan@lhsc.on.ca
srothenberg@mda.cinvestav.mx
tlopez@insp.mx
leepa@mail.nih.gov
marcelale@hotmail.com
Sam_Myers@hms.harvard.edu
urielbaez@hotmail.com
A.P.Morse@liv.ac.uk
horsticko@who.int
wann@servidor.unam.mx
gulibarri@laurentian.ca
gabriel.carrasquilla@fsfb.org.co
almirahoo@mda.cinvestav.mx
karen.alroy@tufts.edu
abeeche@idrc.org.uy
a.breed@uq.edu.au
daphne.herling@business.umt.edu
HMallee@idrc.org.sg
icreed@uwo.ca
krisebi@gmail.com
wagah8@yahoo.com
cruzromerobartolo@yahoo.com.mx
erin.fraser@vwb-vsf.ca
dvazquez@insp.mx
vacmarin@hotmail.com
cmassey@uoguelph.ca
zeina.mohanna@aub.edu.lb
suelipcastro@terra.com.br
aromero@marista.edu.mx
paul@Wilkinson.com
julia@Gohlke.com
maguilarv3@gmail.com
tsimbiri2005@yahoo.com
kvijayalakshmi@devalt.org
mauricioe@usfq.edu.ec
raghida@nectat.com.lb
haquece@cc.umanitoba.ca
itilleria@uasb.edu.ec
shubash.lohani@wwfus.org
pascual@umich.edu
eogusuku@digesa.minsa.gob.pe
edwardss@cpc.paho.org
jbreilh@uasb.edu.ec
l.ianotti@cgiar.org
Floresjorge_pal@hotmail.com
beatrizg@maelca.com.mx
llsb@rieder.net.py
marcom@dlsu.edu.ph
mass.dom@enda.sn
eramirezp@incap.ops-oms.org
robledo@mda.cinvestav.mx
vanlav@inweh.unu.edu
cdiaz@ipk.sld.cu
cmetcalfe@trentu.ca
acampana@ceas.med.ec
rulingsammy@yahoo.co.uk
kaia_ambrose@yahoo.ca
yadonzai@paho.org
massougbdjimarina@yahoo.fr
rene.vilela@mma.gov.br
direeducacion@ens.org.co
ahewlitt@gmail.com
mjchimbari@gmail.com
esther.schelling@unibas.ch
xuantung168@yahoo.com
jmills@cdc.gov
eijkemag@mex.ops-oms.org
louise.hebert@acdi-cida.gc.ca
belempuerto@hotmail.com
cathyyharrison6@hotmail.com
bsilvalaura@gmail.com
juan.roldan@excelsorisle.com
nmendez@mda.cinvestav.mx
d_dickens_t@hotmail.com
mmonzon@gt.cdc.gov
mariana@fundar.org.mx
bbriggs@iifac.org
presidencia@eluniversal.com.mx
fgomez@ine.gob.mx
mdelille@iifac.org
jeffrey.orozco@gmail.com
laurisgua@gmail.com
abmercado@salud.gob.mx
ana.o.m@wildmail.com
iromieu@correo.insp.mx
MARIA@LEICHNER.COM
TARA@BARSIMANTOV.COM
borismedic@hotmail.com
gleni_ivete@hotmail.com
gcastillo@ecosur.mx
carmen_dugarte@yahoo.es
patralekha.chatterje@gmail.com
ROBYN.MCKENNA@SPRINGER.COM
abarraza@insp.mx
e.alozanom@gmail.com
cleondiez@gmail.com
TWIND@HOTMAIL.COM
tecnico5@insp.mx
albertogamesolano@yahoo.es
suzana@ipe.org.br
uconfalonieri@ui.com
mcabrera@mda.cinvestav.com
luzhcanada@yahoo.com
rguevara@wach.mx
moloya@uach.mx
syzhang@bio.ecnu.edu.cn
anilcbt@yahoo.com
monyk_uc@yahoo.com
virfm07@yahoo.com
mario@ensp.fiocruz.br
aaaa@h.com
aaaa@h.com
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Dear IEF Participants,

The Organizing Committee is very pleased to welcome you to the International EcoHealth Forum 2008. The theme of the Forum – “Healthy Environments, Healthy People” – reflects our goal to promote intellectual and practical discussion on novel strategies to reconnect science and practice that bridge the protection of both people and natural ecosystems. The Forum strives to renew or establish interdisciplinary networks to promote healthy ecosystems and, in turn, healthy people.

IEF 2008 will showcase evidence of theory and practice regarding our dependence on the health of our ecosystems. Proof of the impact of social and ecological changes on the global environment and, in turn, on human health will be discussed among the Forum’s delegates. Special emphasis has been placed on EcoHealth research in developing countries, fostering exchanges of lessons learned between developing and developed countries. Another Forum highlight is the renewal and establishment of networks to promote healthy ecosystems and, in turn, healthy communities.

Researchers, policy-makers, practitioners, and students will learn how project outcomes have been successfully used by other policy-makers and community representatives to simultaneously improve ecosystem management, disease prevention and environmental protection. Experiences with research and practice from across the globe – including methodological gaps, as well as opportunities for strategic policy interventions – will also be presented.

Consequences of degraded landscapes and global climate change will be felt across all sectors. We therefore committed ourselves to design an original and comprehensive scientific program that highlights new discoveries at the intersection of disciplines and knowledge sources, as well as new and innovative research approaches required to address complex ecological and health problems. We have identified sessions by both topic area and author, and hope that this outline will help you to optimally plan your time during the Forum. In particular, we also would wish to see an enhancement of the multidisciplinary exchange of information among colleagues from all over the world to advance knowledge and promote wisdom.

It is an honor that IEF 2008 has chosen the city of Mérida as its venue. Mérida happens to be a cultural center, featuring multiple museums, art galleries, restaurants, movie theatres and shops. Mérida retains an abundance of beautiful colonial buildings and is a vibrant cultural center with music and dancing, playing an important part in day-to-day life. At the same time, it is a modern city boasting a comprehensive range of shopping malls, top quality hotels, restaurants and leisure facilities.

Please enjoy IEF 2008 to the fullest! We are confident that it will not only be a memorable intellectual, scientific and practical professional experience, but also an experience rich in colors, flavors and musical notes so typical of our fascinating culture.

Welcome to Mérida!
Forum Chair
Mario Henry Rodríguez
National Institute of Public Health, México

Forum Co-Chair
Ulisses Confalonieri
Oswaldo Cruz Foundation, Brazil

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Benevolent Organisation for Development Health and Insight (BODHI), Australia

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Ministry of Health, Mozambique  
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Lead Afrique, Sénégal

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Dean, Faculty of Health Sciences  
American University of Beirut, Lebanon

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Adriana Rodríguez Reyes  
David Vázquez Blanco  
Irma Castro Bustos  
Nenetz Saavedra Lara  
Saúl Lara Díaz  
Ricardo García Jiménez  
José Antonio Ávalos González  
Carlos Oropeza Abíndez
GENERAL INFORMATION

Registration

Fiesta Americana Hotel: Montejo’s Balcony
Dates: From November 30th to December 4th

Computer Stations

Fiesta Americana Hotel: Santa Lucía Room
Hyatt Hotel: Ticul Room
Available from December 1st – 4th from 8:00 – 18:00

These rooms will be equipped with 5 computers each and will offer free access to the Internet. We ask each participant to limit their computer use to 15 minutes.

Wireless Internet

Both hotels offer wireless Internet access throughout their premises. Forum participants can access a special rate for these services for December 2nd, 3rd and 4th in the Fiesta Americana Hotel. WiFi arrangements can be made at the hotel reception.

Medical Care

An ambulance will be located in the parking lot of the Hyatt Hotel from 8:00 to 18:30 to deal with any medical emergencies.

Information Desk and Lost & Found

Fiesta Americana Hotel: Located at the end of the hallway of the reception desk
Hyatt Hotel: Beside the main reception desk

The Forum information desk will also serve as a Lost & Found and will be open from 8:00 – 18:00. December 1st – 4th. After December 4th, contact the Hotel reception desks for any lost items. A Ministry of Tourism representative will also be available at the information desk to provide information on city or out of town tours.

Press Room

The Press Room will be located in the Merida I Room in the Fiesta Americana Hotel. This area will be reserved exclusively for accredited journalists attending the Forum. It will be equipped to serve the needs of the press and will offer its services from 8:00 to 19:00 December 1st - 4th.

Lunch Services

Lunch will be made available in the foyers of the Fiesta Americana and Hyatt Hotels from 12:30 to 14:00 on December 2nd, 3rd and 4th.

Each participant will be provided with one box-lunch per day. To receive your box-lunch, you must swipe the barcode of your participant nametag in front of one of the scanners set up on the hotel foyers.
Exhibitor’s Information
International Development Research Centre (IDRC)
http://www.idrc.ca/

International Association For Ecology & Health (IAEH) And The Journal Ecohealth
http://www.springer.com/

Instituto Nacional De Salud Pública (INSPI)
http://www.insp.mx/

IPE: Institute For Ecological Research
http://www.ipe.org.br/ing/index_home.asp

Pan American Health Organization (PAHO)
http://devserver.paho.org/

Mundo Feliz Foundation
http://www.mundofeliz.com.mx/

Springer
http://www.springer.com/

Travel Agency

Tool Bazaar (Flyers, Journals, Magazines)

Secretaría De Medio Ambiente Y Recursos Naturales
http://www.semarnat.gob.mx/

Did you know that we are “GREENING” IEF 2008?

IEF 2008 organizers are taking measures to make the Forum as green as possible. These include:

• Instead of printing a huge scientific program, participants will receive the information on a USB memory stick. Using the memory stick, participants will not only be able to access the complete program (with full abstracts) but also save other useful information during the Forum.

• Participant bags will be hand-made from natural maguey cactus fibers and hand painted by local Mexican craftspeople.

• Upon arrival, participants will receive reusable mugs that can be filled with water from one of the drinking fountains located around the Forum venue or used during the coffee breaks.

• The Forum webpage will be used as the main information source for the event, cutting down on paper use.

• Presenters are encouraged not to print copies of their presentations for distribution to the audience, but instead to include their email address in their presentations, so colleagues may contact them to request further information.

INFORMATION FOR PRESENTERS AND SESSION CHAIRS

Instructions for downloading oral session presentations

Where to download your presentation
Fiesta Americana Hotel: Santa Lucía Room
Hyatt Hotel: Ticul Room
Dates: from December 1st to 4th
Time: 8:00 – 18:00
A specialized technician will be available in these technical support rooms to receive speakers’ digital presentation files and upload them automatically to the computer in the room where their session will take place. Speakers must provide their files to the technicians the day before their presentation at the latest. Speakers who provide their files the day of their presentation will run the risk of having incompatible files.

Presentation files must be saved on a USB memory stick or compact disc. As a precaution, it is advised that speakers arrive at the Forum with at least two digitally stored versions of their presentation file. During the Forum, Microsoft Office PowerPoint version office 2007 will be used running on Windows XP Computers, so the presentation file format should be either MS PowerPoint or some compatible file. If a presentation is prepared on a Macintosh it is the speaker’s responsibility to ensure compatibility. Technicians will assist each speaker to check for compatibility when presentation files are downloaded. If a speaker is unable to download a file the day preceding the speaker’s presentation, technicians may be unable to assist with the review and verification of the file. Each presenter will have the opportunity to verify the file and make any corrections if necessary before downloading it in the technical support room.

Before each session, presentations will be automatically sent to the computer located in the room assigned for the session.

Presenters must arrive at their assigned room at least 20 minutes before the start of their session. Presenters should verify that their file is uploaded to the computer in their assigned room. A technician will be present in each room to help ensure that all presentations are uploaded properly in advance of each session and provide any technical support required.

**Instructions for poster presentations**

Posters will be on display in the Regency I Room at the Hyatt Hotel from 8:00 to 18:30. Approximately 90 posters will be displayed each day. Each poster will be on display for one day only.

Presenters should arrive at the Regency I Room at 7:30 on the day of their presentation to set up their poster. A poster room monitor will be there to indicate the assigned poster space and provide the materials necessary for hanging the poster.

All presenters are asked to be at their poster from 12:30 to 14:00, which is the time assigned for poster presentations.

We kindly ask all presenters to remove their poster at 18:30. Unclaimed posters will be removed by poster session organizers.

**EARLY MORNING ROUNDTABLES (7:30-8:20)**

Early morning round tables will be set up for early risers who would like to meet informally in small groups for facilitated discussions on specific EcoHealth-related topics.

**SPECIAL MEETINGS**

1. COPEHs informal Meet & Greet in the evening.
   Zsofia Orosz, Andrés Sánchez
   By invitation only
   30/11/08
   19:00 – 21:00
   Pool Area  Hyatt Hotel
2
International Association for Ecology & Health Student Section Meeting
Sarah Olsen
Open to all participants
2/12/08
19:00 - 20:00
Outside the Forum Venue Hotels

3
International Association for Ecology & Health
Student Social Activity
Sarah Olsen
Open to all participants
2/12/08
20:00 - 22:00
Outside the Forum Venue Hotels

4
EcoHealth Journal Full Editorial Board Meeting
Bruce Wilcox
By invitation only
2/12/08
19:00 – 20:00
Uxmal I (Hyatt Hotel)

5
Celebrating distinguished women in EcoHealth
Round table discussion and evening cocktail sponsored by the Canadian Embassy in Mexico and IDRC
Zsofia Orosz
Open to all participants
2/12/08
19:00 - 21:00
Yucatan I y II (Fiesta Americana)

6
International Association for Ecology & Health - Biennial General Meeting & Elections
Margot Parkes
Open to all participants
03/12/08
19:00 – 20:00
Regency IV (Hyatt Hotel)

7
CoPEH-MENA Cocktail
This cocktail is an opportunity to meet to exchange views and best practices about health and environmental linkages in the Middle East and North Africa region
Jaqueline Adel
Open to all participants
03/12/08
20:00 – 21:00
Club de Industriales (Fiesta Americana)

8
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
By invitation only
05/12/08
9:30 - 18:00
Uxmal I (Hyatt Hotel)

9
Global COPEHs meeting
Zsofia Orosz, Andres Sanchez
By invitation only
05/12/08
9:00 - 12:00
Celestum (Fiesta Americana Hotel)

10
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
By invitation only
05/12/08
9:30 - 18:00
Uxmal I (Hyatt Hotel)

11
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
By invitation only
06/12/08
9:00 - 14:00
Uxmal I (Hyatt Hotel)

12
COPEH-TLAC meeting
David Hernandez
By invitation only
6 and 7/12/08
Out of the Forum Venue Hotels

ACADEMIC FIELD VISITS

The academic field visits will take place on December 5th will starting at 7:30 a.m. Each visit will last more or less 8 hours. Participants may choose from visiting one of two ecological reserves located in the State of Yucatan. The objective of these visits is for participants to observe and discuss with local people how they preserve and interact with their environment. Please note that seating is limited for each tour, tickets will be sold on a first-come-first-served basis. All the tours include: guide, transportation and box lunch.

Celestun

This unique fishing port located 90 km southwest of Merida is known for being hosts some of the most exotic species in the Yucatan geographic region. Celestun is also well known for its numerous freshwater springs, salt fields and virgin beaches. The federal government has declared Celestun a wildlife refuge. In 2004, UNESCO recognized the importance of the area as a feeding ground for the American Flamingo and myriad other aquatic and coastal species by establishing the Celestun River World Biosphere Reserve.
San Felipe

San Felipe is located 11 km to the west of the Largartos River, well known as a sanctuary and natural reserve for the pink flamingo. From San Felipe, the river runs parallel to the Gulf of Mexico coast until it reaches the port of El Cayo which is a fishing village built on the remains of a Mayan pyramid located just three hours away from Mérida.

Capacity for this visit: 80 people
Organiser: Dr. Julia Fraga

Recommendations for the academic field visits

Wear appropriate summer clothing such as: cotton shirts and shorts, tracksuit, denim pants, running shoes or comfortable sandals for walking, light waterproof jacket, sunhat, visor, sunglasses as well as insect repellent (preferably of natural origin such as citronella), camera and binoculars.

SPECIAL EVENTS

Welcome cocktail

A welcome cocktail will be offered to all participants after the Forum opening ceremony. The reception will take place on Monday, December 1st, at 19.00 on the Montejo Terrace of the Hotel Fiesta Americana.

One of the most renowned mariachis in the region will liven up the event, along with dancing, and traditional “margarita” drinks so that participants may sample some of the traditional flavor of Mexico.

Gala Dinner

The Quinta “Montes Molina”, one of the most beautiful estates in the city of Mérida, will host the IEF 2008 gala dinner organized especially for Forum participants.

This estate is located a few minutes walk from the IEF venue hotels, so participants will be able to enjoy a stroll through the streets that border El Paseo Montejo, the main avenue of the city.

This event will be held on December 4th and includes live music and performances by a folkloric ballet. Guests are invited to put on their dancing shoes and try some Mexican dancing.
Español

INFORMACIÓN GENERAL

Registro
Hotel Fiesta Americana: Terraza Montejo
Fechas: Noviembre 30 a Diciembre 4

Internet
Hotel Fiesta Americana: Salón Santa Lucía
Hotel Hyatt: Salón Tikul
Fechas: del 1 de diciembre al 4 de diciembre
Horario: de 8:00 a 18:00 horas.

Estos salones estarán equipados con 5 computadoras cada uno y tendrán acceso libre a Internet. Cada persona podrá usar el servicio durante un máximo de 15 minutos.

Internet Inalámbrico
Ambos hoteles cuentan con Internet inalámbrico en todas sus áreas, los participantes del Foro tendrán acceso a una cuota preferencial por este servicio durante los tres días del evento en el Hotel Fiesta Americana. Este servicio se podrá contratar en la recepción de cada hotel.

Atención Médica
En caso de requerir atención médica, contaremos con una ambulancia ubicada en el estacionamiento del Hotel Hyatt de las 8:00 a las 18:30 horas.

Módulo de Información y estación de objetos perdidos
Hotel Fiesta Americana: Al final del pasillo de la recepción
Hotel Hyatt: A un costado de la recepción

El módulo de información fungirá también como estación de objetos perdidos y tendrá un horario de 8:00 a 18:00 horas del 1° al 4 de diciembre, después de esta fecha la recepción del hotel podrá darte información sobre objetos perdidos.

En este módulo también habrá un representante de la secretaría de turismo para cualquier requerimiento sobre visitas a la ciudad o al estado.

Sala de Prensa
La sala de prensa estará ubicada en el salón “Mérida I” del Hotel Fiesta Americana, y será un área restringida exclusiva para reporteros debidamente acreditados. Estará debidamente equipada para atender las necesidades de la prensa que nos acompañe. El horario en el que ofrecerá sus servicios será de 8:00 a 19:00 horas del 1° al 4 de diciembre.

Almuerzo
El almuerzo se servirá en las estancias de los Hoteles Fiesta Americana y Hyatt en un horario de 12:30 a 14:00 hrs. los días 2, 3 y 4 de diciembre.
Se entregará un box lunch por día, a cada uno de los participantes. El único requisito para acceder a él, será pasar por el lector óptico correspondiente, el código de barras de su gafete.

Área de Stands
International Development Research Centre (IDRC)
http://www.idrc.ca/

International Association For Ecology & Health (IAEH) And The Journal Ecohealth
http://www.springer.com/

Instituto Nacional de Salud Pública (INSP)
http://www.insp.mx/

IPE: Institute for Ecological Research
http://www.ipe.org.br/ing/index_home.asp

Organización Panamericana de la Salud (OPS)
http://devserver.paho.org/

Fundación Mundo Feliz
http://www.mundofeliz.com.mx/

Springer
http://www.springer.com/

Agencia de Viajes

Material Impreso (Revistas, periódicos, promociones)

Secretaría de Medio Ambiente y Recursos Naturales
http://www.semarnat.gob.mx/

¿Sabía que estamos trabajando para que el IEF 2008 sea un Evento Verde?

Los organizadores del IEF 2008 estamos tomando las medidas necesarias para volver a este Foro lo más “Verde” posible. Entre estas medidas se incluyen:

• Que en lugar de imprimir un extenso programa científico, los participantes recibirán la información mediante un dispositivo de memoria USB. Utilizando este dispositivo de memoria, los participantes no sólo podrán tener acceso al programa completo (con todos sus resúmenes), sino también salvar cualquier otra información que les sea de utilidad durante el Foro.

• La bolsa que se entregará a los participantes será tejida y pintada a mano por artesanos de la localidad, y hechas a base de fibras naturales del cactus de maguey.

• A su llegada, los participantes recibirán tazas reutilizables que pueden llenarse con agua potable mediante los dispensadores que para tal efecto se ubicarán en los dos hoteles sede del Foro. Estas mismas tazas se utilizarán también en los coffee breaks. Evitando así la utilización de vasos desechables.

• La página Web del Foro será utilizada como la principal fuente de información del evento, disminuyendo así el uso de papel.

• Los ponentes serán invitados a no imprimir copias de sus presentaciones para distribuirlas entre la audiencia; en vez de ello, se les recomienda incluir sus direcciones de correo electrónico en sus presentaciones, para que los colegas interesados puedan comunicarse con ellos y solicitarles, si así lo requieren, alguna información.
INFORMACION PARA PANELISTAS Y MODERADORES

Indicaciones para descargar las ponencias de los expositores de sesiones orales

Salones de recepción de ponencias
Hotel Fiesta Americana: Salón Santa Lucía
Hotel Hyatt: Salón Ticul

Fechas: del 1 de diciembre al 4 de diciembre
Horario: 8:00 a 18:00

En estos salones un técnico especializado estará recibiendo los archivos electrónicos de los ponentes y las cargará automáticamente en la computadora del salón en que se llevará a cabo su sesión. Los ponentes deberán entregar el archivo electrónico al técnico encargado un día antes de su presentación, ya que de entregarlo el mismo día de su presentación podría correr el riesgo de que su archivo sea incompatible y tener que esperar a que el técnico lo arregle en el momento.

Los archivos de las presentaciones deberán guardarse en una memoria USB o en un CD. Como precaución se aconseja llevar al Foro al menos dos diferentes formatos electrónicos de su presentación. Durante el Foro se utilizará Microsoft Office PowerPoint o Office 2007 y Windows XP, por lo que el formato de las presentaciones puede ser MS PowerPoint o algún archivo compatible. En caso de que su presentación esté en Macintosh, en algún otro sistema o versión de Office o en otra presentación de software, es su responsabilidad asegurar su compatibilidad. Los técnicos podrán asistirle a este respecto cuando se esté guardando su presentación. Si no le es posible guardar su presentación una día antes de su ponencia, los técnicos no podrán asistirle ni verificar su archivo.

Cada ponente tendrá la oportunidad de verificar su presentación y hacer pequeñas correcciones si así se requiere en el salón de recepción de ponencias.

Las presentaciones deberán proyectarse desde los equipos instalados para ese propósito y NO desde los equipos personales de los ponentes.

Antes de cada sesión, las presentaciones serán automáticamente enviadas a la computadora que se encuentre en el salón asignado a su sesión.

Los ponentes deberán llegar al salón de su presentación al menos 20 minutos antes del inicio de su sesión a fin de verificar que su archivo haya sido cargado correctamente a la computadora asignada a su salón. Un técnico estará presente en cada sesión para proveer soporte.

Indicaciones para presentadores de pósters

La sesión de pósters se llevará a cabo en el salón Regency I del Hotel Hyatt, en un horario de 8:00 a 18:30 horas. Considerando la presentación de aproximadamente 90 pósters por día.

Los presentadores deberán llegar al salón a las 7:30 el día de su presentación y dirigirse con la persona encargada de este, a fin de que les indique la ubicación de su mampara y les haga entrega del material adecuado para colocar su póster.

Todos los presentadores expondrán su póster de 12:30 a 14:00 horas, por lo que en este horario se requiere de su presencia.

Se solicita atentamente a los presentadores retirar su póster al término de la sesión del día, programada a las 18:30 hs. Los organizadores de la sesión de póster retirarán los pósteres que no hayan sido reclamados.
MESAS DE DISCUSIÓN MATUTINAS (7:30 – 8:20)
Las mesas de discusión matutinas serán organizadas para aquellos madrugadores que quieran reunirse informalmente en grupos pequeños para debatir sobre temas relacionados a la Ecosalud.

REUNIONES ACADÉMICAS ESPECIALES

1. COPEH informal Meet & Greet in the evening.
   Zsofia Orosz, Andrés Sánchez
   Solo invitados
   30/11/08
   19:00 – 21:00
   Pool Area Hyatt Hotel

2. International Association for Ecology & Health Student Section Meeting
   Sarah Olsen
   Abierto a todos los participantes
   2/12/08
   19:00 - 20:00
   Fuera de los hoteles sede

3. International Association for Ecology & Health
   Actividad social para estudiantes
   Sarah Olsen
   Abierto a todos los participantes
   2/12/08
   20:00 - 22:00
   Fuera de los hoteles sede

4. EcoHealth Journal Full Editorial Board Meeting
   Bruce Wilcox
   Solo invitados
   2/12/08
   19:00 – 20:00
   Room: Hy 6

5. Celebrating distinguished women in Ecohealth
   Mesa redonda y cocktail ofrecido por la Embajada de Canadá en México y IDRC
   Zsofia Orosz
   Abierto a todos los participantes
   2/12/08
   19:00 - 21:00
   Room: Fa1 y Fa 2

6. International Association for Ecology & Health - Biennial General Meeting & Elections
   Margot Parkes
   Abierto a todos los participantes
   03/12/08
   19:00 – 20:00
   Room: Hy3
7
CoPEH-MENA Cocktail
Oportunidad para intercambiar visiones y mejores prácticas acerca de los vínculos entre salud y medio ambiente en el Medio Oriente y la región del Norte de África.
Jaqueline Adel
Abierto a todos los participantes
03/12/08
20:00 - 21:00
Club de Industriales (Fiesta Americana)

8
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
Solo invitados
05/12/08
9:30 - 18:00
Room: Hb6

9
Global COPEHs Meeting
Zsofia Orosz, Andrés Sánchez
Solo invitados
05/12/08
9:00 - 12:00
Room: Fa 7

10
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
Solo invitados
05/12/08
9:30 - 18:00
Room: Hb6

11
Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice
Solo invitados
06/12/08
9:00 - 14:00
Room: Hb6

12
COPEH-TLAC Meeting
David Hernandez
Solo invitados
6 y 7/12/08
Out of the Forum Venue Hotels
VISITAS ACADEMÍCAS

Las visitas académicas se llevarán a cabo el día 5 de diciembre y tendrán una duración de más o menos 8 horas. Los participantes podrán elegir visitar alguna de las dos reservas ecológicas localizadas en el estado de Yucatán. El objetivo de estas visitas es que los participantes observen y discutan con la gente del lugar sobre cómo ellos preservan y interactúan con su medio ambiente.

Favor de tomar en cuenta que hay cupo limitado para cada visita, los boletos se venderán según se vayan inscribiendo. Todas las visitas incluyen guía, transporte y comida.

Celestún

Situado 90 kilómetros al sudoeste de Mérida, este peculiar puerto de pescadores se ha caracterizado, entre otras cosas, por ser un espacio en el que conviven las especies más exóticas de la geografía yucateca. Celestún es reconocido también por albergar en su territorio diversos manantiales de agua dulce, campos de sal y playas vírgenes.

El gobierno federal declaró a Celestún como un Refugio de vida silvestre y una Reserva Especial de la Biosfera, debido a su importancia como la principal zona de alimentación para el Flamingo de América y un sinnúmero de especies animales acuáticas y costeras.

Capacidad para esta visita: 80 personas
Organizador: Dr. David Valdez/Dr. Jorge Herrera

San Felipe

San Felipe se encuentra localizado a 11 kilómetros al oeste de Río Lagartos, reconocido como santuario y reserva natural del “Flamingo Rosa”. Desde San Felipe, el estero corre paralelo a la costa del Golfo de México hasta llegar al puerto de El Cujo, un pueblo de pescadores construido sobre vestigios de una pirámide Maya, ubicado a sólo dos horas de Cancún y a tres horas y media Mérida.

Capacidad para esta visita: 80 personas
Organizador: Dra. Julia Fraga

Recomendaciones para las visitas académicas

Llevar ropa de verano adecuada, como: camisetas y shorts de algodón, pantalones de mezclilla, tenis y/o sandalias cómodas para caminar, chaqueta impermeable ligera, gorra, visera, lentes oscuras, así como repelente de insectos (preferentemente de origen natural, como la citronella), cámara y binoculares.

EVENTOS ESPECIALES

Coctel de Bienvenida

El Foro ofrecerá un coctel de bienvenida para todos los participantes después de la ceremonia de inauguración. Esta recepción tendrá lugar el día lunes 1 de diciembre a las 19:00 hrs. en la Terraza Montejo del Hotel Fiesta Americana.

Para amenizar el evento se presentará uno de los mariachis más reconocidos de la región, acompañando el baile con la tradicional bebida “margarita” con la que los participantes conocerán algunos de los tradicionales sabores mexicanos.
Cena de Gala

La Quinta Montes Molina, una de las más bellas de la ciudad de Mérida, será la sede de una tradicional cena de gala que el IEF 2008 ha organizado especialmente para sus participantes. Dicha Quinta está ubicada a unos cuantos minutos caminando desde los Hoteles Sede del Foro, de tal manera que los participantes podrán disfrutar de una placentera caminata por las calles que enmarcan la avenida principal de la ciudad, El Paseo Montejo.

Este evento se llevará a cabo el 4 de diciembre, en el que se presentará un ballet Folklórico y un grupo musical que incitará a bailar a todos los invitados.
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<td>11:30 - 12:30</td>
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<td>Parallel Session 4</td>
<td>Scientific Workshops: Health, Environment &amp; Human Health</td>
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**Legend**

- **COPEH**
- **INTERPRETING**
- **CONFERENCE O verview**

**Room Location**

- **Spanish – English**
- **English – Spanish**
- **Spanish – French**
- **English – French**
- **French – English**

**Major Event**

- **Conference Overview**
- **Scientific Workshops: Health, Environment & Human Health**
- **International Meet & Greet in the for ELCology & ENVIronmental SCIENCE**
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Early Morning Round Tables

8:00 - 8:30
Vacation Room - Four Seasons Hotel

8:30 - 9:00
Yucatan Room - Fears A. American Hot

9:30 - 10:00
Chair/moderator: J. Atz

Research and policy on mitigation and adaptation to climate change in Mexico.
Adrián Alfredo Fernández Brumante, National Institute of Ecology Mexico

The National Climate Change Adaptation Mechanism, Confronting Human Health. Geographic vulnerability y
Marcelo Aparicio-Campos, Programa Nacional de Cambio Climático, Mexico

10:00 - 10:30
Break

10:30 - 12:30
Parallel Sessions 1

SESSION TITLE: Social movements and community empowerment, ecosystems and human health

Fa1 (IDSP - 77) 257-THG *Community organizations: toward sustainability and self-reliance.
Fa2 (IDSP - 33) 590-KNE *Peasant communities. Addressing health and environmental issues in Latin America and the Caribbean (TACB-oriented approaches).
Fa3 (IDSP - 61) 595-BBG *People of the forest, forest ecosystems and human health.
Fa4 (IDSP - 4) 476-WEK *Cultural diversity and ecosystem health.
Fa5 (IDSP - 46) 586-WWE *EcoHealth, watershed and transforming agendas toward improved human health.
Fa6 (IDSP - 42) 612-KNE *EcoHealth in Mesoamerica: Challenges in Research, Policy, Education and Knowledge.
Fa7 (IDSP - 28) 033-SJZ *Understanding water resource determinants of health.

12:30 - 14:00
LUNCH: Poster Expo with authors present.

14:00 - 15:00
Parallel sessions 2

SESSION TITLE: Systems-based strategies to mitigate climate change

Hy1 (IDSP - 113) 116-DWE *EcoHealth: a foundation for improving health in the Americas.
Hy2 (IDSP - 114) 242-DWE *EcoHealth for the Americas: promoting health equity in the Americas.
Hy3 (IDSP - 113) 116-DWE *EcoHealth: a foundation for improving health in the Americas.
Hy4 (IDSP - 114) 242-DWE *EcoHealth for the Americas: promoting health equity in the Americas.
Hy5 (IDSP - 47) 158-DWE *EcoHealth: a foundation for improving health in the Americas.

15:00 - 16:00
Parallel sessions 3

SESSION TITLE: Climate - health interactions

Hy6 (IDSP - 47) 158-DWE *EcoHealth: a foundation for improving health in the Americas.
Hy7 (IDSP - 47) 158-DWE *EcoHealth: a foundation for improving health in the Americas.
Hy8 (IDSP - 47) 158-DWE *EcoHealth: a foundation for improving health in the Americas.
Hy9 (IDSP - 47) 158-DWE *EcoHealth: a foundation for improving health in the Americas.

16:00 - 17:00
Parallel sessions 4

SESSION TITLE: Health Nexus

TUESDAY

December 2

in Change and Human Health

EcoHealth: Reducing vulnerability and developing solutions for ecosystem health and human health

L. yahin.
## WEDNESDAY

**SESSION TITLE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:30 - 8:00</td>
<td>Early Morning Round Tables</td>
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<tr>
<td>08:15 - 09:00</td>
<td>“Emerging Diseases as a Global Threat: understanding the connections”</td>
<td>Chair Emer Daszak</td>
<td>Chief, Wildlife Health Unit, Centers for Disease Control and Prevention, United States</td>
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<tr>
<td>09:00 - 10:00</td>
<td>“What is the role of livestock in emergence of novel disease?”</td>
<td>R. Montenegro</td>
<td>Universidad de San Carlos, Mexico</td>
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<tr>
<td>10:30 - 11:30</td>
<td>Parallel Sessions 1</td>
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<tr>
<td>12:30 - 13:30</td>
<td>Lunch</td>
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<tr>
<td>13:30 - 14:30</td>
<td>Parallel Sessions 2</td>
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</tbody>
</table>
**THURSDAY**

**Sustainable Development**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| **8:00 - 8:30** | **Plenary III**  
Vacation Resort: Fazenda Americana Hotel |
| **8:30 - 9:00** | **A new development paradigm for a sustainable and healthy planet**  
Chair/moderator: Donna Megler  
More than adjecitives are needed if we envision a sustainable and healthy planet. Suzana Padua, Instituto de Pesquisas Ecologicas, Brazil  
The National Health Act and National Health Assembly in Thailand: A social innovation for ecohealth. Suwit Wibulpolprasert, Senior Advisor on Disease Control, Ministry of Public Health, Thailand  
Seaeed Farming in the Topics: Environmental and Social Consequences. Daniel Robleda, Head of the Department of Marine Resources, Center of Advanced Studies and Research, Mexico  
Discussant: Imran Nyhid, American University of Beirut |
| **9:30 - 10:00** | **Break** |
| **10:00 - 12:00** | **Parallel Sessions** |

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<thead>
<tr>
<th>Session</th>
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<tr>
<td>Hy1</td>
<td>Chemical Inventories as a Tool for Governance</td>
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<tr>
<td>Hy2</td>
<td>Urban Vulnerability and Health in Latin American Cities</td>
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<td>Hy3</td>
<td>Food as a Tool for Thought: Agriculture, Food Security, and Nutrition Through an EcoHealth Lens</td>
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<tr>
<td>Hy4</td>
<td>Integrated Approaches to Ecological Approaches for Food and Nutritional Security in Mexico</td>
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<tr>
<td>Hy5</td>
<td>Land use and Infectious Diseases: Transdisciplinary Challenges</td>
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<tr>
<td>Hy6</td>
<td>Occupational and Environmental Health: Case Studies from an International EcoHealth Program in Ecuador</td>
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<tr>
<td>Hy7</td>
<td>The Many Faces of the Avian Influenza Epidemic</td>
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<td>Hy8</td>
<td>Environmental Degradation and Air Pollution I</td>
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</table>
| **12:30 - 14:00** | **Lunch**  
Post Expo with authors present. Continue... |
Conference Program
International EcoHealth Forum 2008
25
...Continued
14:00 - 16:00
REGISTRATION
14:00 - 16:00
Parallel Sessions 8

Hy1  SESSION TITLE: Information and Policies for Health by Environments

Hy2 (IDSP - 59) 496-

Hy3 (IDSP - 41) 514-LLK *Waters, water quality and health problems

Hy4  SESSION TITLE: Health Promotion

Hy5 (IDSP - 88) 077-

Hy6  SESSION TITLE: Children, Sanitary Interventions, and Environmental Health

Hy7  SESSION TITLE: Ecological Approaches for Interventions in Public Health

16:00 - 16:30
Break
16:30 - 18:30
Synthesis Plenary
18:30 - 19:00
Networking / Meetings
19:00 - 19:30
Transport to Gala Dinner Site.
19:30 - 20:00
Gala Dinner

LEGEND
FIESTA MERIDIANA HILTON
HOTEL
ROOM LANGUAGE

14 - 16:00 - 18:30 - 19:00 - 20:00

14 - 16:30 - 18:30 - 19:00 - 20:00

14 - 16:30 - 18:30 - 19:00 - 20:00
### FRIDAY

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<th>Time</th>
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<td>7:30 - 7:30</td>
<td>Scientific Steering Group on Global Health &amp; Environment and Sustainability Meeting</td>
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### SATURDAY

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<td>Mexico</td>
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### LEGEND

- **FIESTA MEXICANA HILUX**
- **HOTEL**
- **ROOM**
- **LANGUAGE**

- **Hy1**
- **Hy2**
- **Hy3**
- **Hy4**
- **Hy5**
- **Hy6**
- **Hy7**
- **Hy8**
- **Hy9**
- **Spanish**
- **English**
- **French**
- **German**
- **Italian**
- **Chinese**
- **Japanese**
- **Arabic**
- **Russian**
- **Korean**
- **Other**
# Program at a Glance

## SUN, NOV 30

### PRE-FORUM

**8:00 – 18:00**  
Pre-Forum Workshops

“The Challenges of Sustainable Agroindustry: Sharing Ecosystem Perspectives on Floriculture”.
Jaime Breilh, UASB, Ecuador  
*Room Hy6*

UASB, Ecuador (Universidad Andina “Simón Bolívar”, Ecuador)  
CEAS, Ecuador (Centro de Estudios y Asesoría en Salud, Ecuador)  
IDRC, Canada (Centro Internacional de Investigaciones para el Desarrollo / International Development Research Centre)

**19:00 – 21:00**  
COPEH informal Meet & Greet in the evening.  
Zsofia Orosz, Andrés Sánchez  
*Pool Area (Hyatt Hotel)*  
(By invitation only)

## MON, DEC 1

### PRE-FORUM and INAUGURATION

**8:00 – 18:00**  
Registration  
Pre-Forum Workshops

Creating Ecosystem Health Change in Institutions  
John Howard, Schulich School of Medicine University of Western Ontario, Canada  
*8:00 to 13:00, Room: Hy 10*

How to Write an EcoHealth Article.  
*8:00 to 13:00 Room: Fa 6*

Eco-Health Researchers in Motion: Negotiating New Law and Policy  
Maya Prabhu, Maria Lechiner Reynal, Marie-Claire Cordemier Segger  
Center for International Sustainable Development Law (CISDL), Canada; Centro Interdisciplinario de Estudios sobre el Desarrollo (CIEDUR), Uruguay; Centro Mexicano de Derecho Ambiental (CEM).  
*9:00 to 13:00, Room: Hy 9*

Using monitoring and evaluation to improve EcoHealth research  
Andrés Sanchez, IDRC Canada  
*8:00 to 12:00 Room: Hy4*

Strategic Communications for Researchers Spanish Version  
Andrea Puppo IDRC Uruguay  
*9:00 to 12:00 Room: Fa3*
Strategic Communications for Researchers French Version
Pauline Dole IDRC Canada
9:00 to 12:00 Room: F4

Strategic Communications for Researchers English Version
Jennifer Pepall IDRC Canada
9:00 to 12:00 Room: Hy2

EcoHealth Approaches to the Prevention and Control of Vector-Borne Diseases in Africa, Asia and Latin America and the Caribbean. Inter-regional Dialogue and Exchange
Johannes Sommerfeld, TDR-WHO, Roberto Bazzani, IDRC-LACRO, IDRC, Canada; Organized by the International Development Research Centre (IDRC) and the WHO Special Programme for Research and Training in Tropical Diseases (TDR).
8:00 to 16:00 Room: Hy1

Training One Health Scientists: Developing a New Paradigm
Julia Ponder University of Minnesota, United States
8:00 to 12:00 Room: Hy7

Ecological Sanitation: Community experiences
Maria Guzman Universidad Autónoma del Estado de Morelos, Juventud y Familia A.C, Mexico
9:00 to 16:00 Room: Hy5

MEETINGS
16:30 - 18:30
Opening Ceremony

Masters of Ceremonies: Dominique Charron, Mario Henry Rodríguez López

Words of welcome from the State Governor of Yucatán, Ivonne Ortega Pacheco.

Participation of the General Director of the National Public Health Institute of Mexico (INSP), Dr. Mario Henry Rodríguez López.

Participation of José Herrán Lima, Deputy Ambassador, Canadian Embassy in Mexico.

Participation of Lauchlan Munro, Vice President, Corporate Strategy and Regional Management, International Development Research Centre (IDRC)

Participation of Jonathan Pazz, President, International Ecohealth Association

Participation of Luiz Augusto Galvão, Area Manager, Sustainable Development and Environmental Health, Pan American Health Organization (PAHO)

Participation of Sandra Hacon, Oswaldo Cruz Foundation (FIOCRUZ)

Inaugural speech by Dr. José Ángel Córdova Villalobos, Mexican Secretary of Health

Special Guests
Álvaro Augusto Quijano Vivas, Director General of Health Services, Yucatán State
Eduardo Batllori Sampedro, Secretary of Urban Development and Environment, Yucatán State
Julio Sotelo, Head of the National Health Systems and Specialized Hospitals Coordinating Commission
Phillipe Lamy, Panamerican Health Organization, World Health Organization in Mexico
Juan Francisco Ealy Ortiz, President of the National Institute of Public Health Patrons

“Climate Change: Challenges and Opportunities”
Carlos Nobre
Ministry of Science and Technology, Brazil
Chair of IGBP Scientific Committee; Senior Scientist at the National Institute of Space Research (INPE), of Brazil; director of the Brazilian Center for Weather Forecasting and Climate Studies (CPTEC-INPE), 1991-2003; Program Scientist for the Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA), 1996-2002; Member of the Brazilian Academy of Sciences and of the Academy of Sciences of the Developing Countries (TWAS); professor of Biosphere-Atmosphere Interactions at INPE’s doctoral program in Meteorology; research interests in tropical meteorology, climate modelling, global environmental change, biosphere-atmosphere interactions in Amazonia.

19:00 – 20:00 Welcome Cocktail Reception

DAY 1 TUES, DEC 2

7:30 – 8:30 Early Morning Round Tables
8:00 – 18:00 Registration
8:30 – 10:00 Plenary 1 - Yucatan Room: Fiesta Americana Hotel

“Climate change and the future of ecosystems and people: reducing vulnerability, developing solutions”.
Chair/moderator: Jonathan Patz
Research and policy on mitigation and adaptation to climate change in Mexico.
Adrian Alfonso Fernandez Bremauntz, National Institute of Ecology, Mexico.

Applying ecological modeling to climate change and disease transmission.
Mercedes Pascual, Joint Program of the Woods Hole Oceanographic Institution and the Massachusetts Institute of Technology, University of Michigan, United States.

The National Climate Change Adaptation Mechanism, Confronting Human Health: High Vulnerability.
Marilyn Aparicio, Programa Nacional de Cambio Climático, Bolivia
Discussant: Carlos Corvalan, Pan American Health Organization.
10:00 – 10:30  Break

10:30 – 12:30  Parallel Sessions 1

(IDSP - 31) 360-MBD *2008: LOCAL KNOWLEDGE AND RESOURCES AND THEIR RELEVANCE IN HEALTH PROGRAMS IN THREE LATIN AMERICAN COUNTRIES
Oral presentation (Language: English)
ROOM: Hy1
Chair: PAUL HERSCHEL MARTÍNEZ

513  Heterological validation and optimization of local sanitary knowledge and resources: some challenges in Mexico.
Paul Hersch Martinez, Mexico
790  Knowledge and local uses: medications and medicinal plants in an indigenous region, Sonora, Mexico.
Jesus Armando Haro Encinas, Mexico
855  Alimentary and medicinal Ethnobotany in Oaxaca: Recovery and systematizing of a traditional millenary knowledge
Alberto Ysunza-Oga, Mexico
868  Local Knowledge and Resources in the PIRI-UFRO Program, South Chile
Jaime Serra, Chile
1007 Local Knowledge and resources of sanitary relevance: the case of Costa Rica
Luis Sancho, Costa Rica

(IDSP - 28) 033-SJZ *URBAN FOOD PRODUCTION AND PUBLIC HEALTH: GENERATING EVIDENCE TO GUIDE POLICY
Book launch with reviewers (Language: English)
ROOM: Hy2
Chair: DONALD COLE

Erastus Kang’ethe, Kenya
Peter Berti, Canada
Nancy Karanja
Francois Gasengayire, Kenya

SESSION TITLE: SOCIAL MOVEMENTS AND COMMUNITY HEALTH IN SUSTAINABLE ECOSYSTEMS I
** Oral Presentation (Language: English)
ROOM: Hy3
Chair: ERNEST DABIRE

368  Youth Livelihood Decision-Making: Sustaining Social, Moral, Physical and Environmental Health In Rural Malawi
Lauren Classen, Canada
619  How do vulnerable people negotiate vital environments under day-to-day insecurity?
Syntyche Nakar Djindil, Netherlands
892  The role of leadership in PLUPH project: Social Network Analysis in Amazon Communities
Lígia Meres Valadão, Brazil
944  Integrating youth in a participatory community health diagnosis, a necessary step towards healthy Communities
Frida Espinosa, Mexico
1090 Participatory Evaluation of the Impacts of Small Dams on Ecosystems and Human Health in Southern Morocco
Abderrahmane Ait Lhaj, Morocco
1106  The Impact of NAFTA on Access to Essential Medicines for Vulnerable Populations in Mexico
Benjamin Warren, Canada
926 Participatory health diagnosis with an ecosystemic approach in the locality of La Nopalera, Yautepec, Mexico

SESSION TITLE: INTEGRATING ECOSYSTEM IN HUMAN HEALTH ASSESSMENT I
** Poster-aided Interactive Sessions (Language: English)
ROOM: Hy 6
Chair: URINDA ALAMO

190 Ecosystem Health of Walpole Island First Nation: An Area Of Concern In The Great Lakes
Jack Bend, Canada

198 A holistic approach for health improvement by the intervention of ecosystem resources
Audil Rashid, Pakistan

232 Urban Development and Tree in the City of Merida Yucatan
Susana Perez, Mexico

662 A baseline health survey in a Mayan community and the role of ecological infrastructure
Laura Orlando, United States

796 Do Invasive Species Relate With Transformed Habitats? An Analysis Of Historical Records For Mexico
Laura Orlando, United States

829 Farming household strategies in the improvement of their health in Burkina Faso
Tibi Didier Zoungrana, Burkina Faso

(IDSP - 32) 016-AVQ *CURRICULUM DEVELOPMENT FOR ECOHEALTH RESEARCH FRAMEWORK
Oral presentation (Simultaneous interpreting: F / E)
ROOM: Hy7
Chair: PASCAL VALENTIN HOUEMOU

A developmental tool to assess progress in Ecohealth curriculum design and delivery
Robert Woollard, Canada

544 The University of British Columbia -Ecuador experience in building partnerships for ecosystem health training
Annaliz Yassi, Canada

567 CoPEH-TLAC: building progressively on existing knowledge
Berna Van Wendel De Joode, Costa Rica

913 Curriculum development for EcoHealth research framework
Pascal Valentin Houenou, Côte d’Ivoire

1105 Institutionalisation of EcoHealth Approach
Benjamin Fayomi, Benin

(IDSP - 35) 236-GYN *TRANSIDISCIPLINARITY IN ECOHEALTH RESEARCH - FROM DREAMS TO REALITY
Poster-aided Interactive Sessions (Language: English)
ROOM Hy8
Chair: RACHEL BEZNER KERR

The influence of livestock-environmental factors and socio-cultural practices on malaria burden in south-western Uganda
Joseph Okello Onen, Uganda

448 Constraints and Challenges in Applying EcoHealth Approaches: Lessons from an EcoHealth Project in Eastern Himalayas
Jing Fang, Nepal

530 Knowledge integration and transdisciplinary research in a participatory agriculture and nutrition project in Malawi
Lizzie Shumbu, Malawi
872 Building Capacity for Transdisciplinarity – Insights from the Canadian Community of Practice in Ecosystem Approaches to Health
Margot Parkes, Canada

1018 Interdisciplinarity for addressing Environmental Health issues: Fashion or need?
Robert Davidson, Canada

(IDSP - 63) 481-KSH *USING ECOHEALTH APPROACH TO ACHIEVE POSITIVE CHANGES FOR BETTER HEALTH UNDER CLIMATE CHANGE
Oral presentation (Language: English)
ROOM: Fa1
Chair: GUELADIO CISSE

645 An EcoHealth Approach for Change in a Changing Climate
Zac Morse, Fiji

720 Research Capacity for Adaptation to Climate Change, Water, and Health Challenges in Africa
Dominique Charro, Canada

742 High Altitude Malaria, Since Climate Change, Ecosystem Change, EcoHealth and Integrated Assessment Perspective
Marilyn Aparicio, Bolivia

758 Approche concertée de résolution des problèmes d’écosanté en contexte de changement climatique
Dan Lansana Kourouma, Guinea

(IDSP - 77) 287-PPQ *THE FUTURE OF RESEARCH AT THE WATER-HEALTH NEXUS
Oral presentation (Language: English)
ROOM: Fa2
Chair: CORINNE SCHUSTER-WALLACE

809 Research at the Water/Health Nexus: The Next 10 Years
Kristie Ebi, United States

813 Water, Environment and Health: Challenges for the 21st Century
Ulisses Confalonieri, Brazil

817 Achieving eco-health through understanding the hydro social
Susan Elliott, Canada

822 Ecosystem Sustainability and the Water-Health Nexus: A New Methodology
Corinne Schuster-Wallace, Canada

SESSION TITLE: Community empowerment, ecosystems and human health
** Oral Presentation (Language: English)
ROOM: Fa3
Chair: MARIA ONESTINI

203 Guide for Communitarian Development
Patricia Abed, Paraguay

480 Municipios y Comunidades Saludables: aspectos político-institucionales en el abordaje de los determinantes de la salud
Adolfo Sanchez De Leon, Argentina

803 Vector Control intradomiciliar Through Approach Intradisciplinary in a Community of Practice
Felipe Lozano, Mexico

912 DDT and Malaria Elimination in Mexico with empowerment of local communities
Jose Manuel Galindo-Jaramillo, Mexico

(IDSP - 64) 317-LHG *Conservation and ecosystem health in Atlantic Forest in Brazil
Oral presentation (Language: English)
ROOM: Fa4
Chair: ALESSANDRA NAVA
226 Domestic animals endoparasites around Atlantic forests in São Paulo State – Brazil.
Anaí Sevá, Brazil

714 Monitoramento Ecológico e Epidemiológico de Mamíferos Não-Voadores na Countryside do Pontal do Paranapanema, SP, Brasil.
Cristina Tófoli, Brazil

1096 Risk assessment for the rabies virus circulation in Sao Paulo State, Brazil
Ricardo Augusto Dias, Brazil

1185 A Fragmentação Florestal e a Leishmaniose na região do Pontal do Paranapanema, Brazil: aspectos ecoepidemiológicos
Marcello Schiavo Nardi, Brazil

(IDSP - 61) 595-BBG *COMMUNITY OF PRACTICE IN EcoHealth – TOXICS IN LATIN AMERICA AND THE CARIBBEAN (COPEH-TLAC): UNDERSTANDING WHAT WORKS
Oral presentation (Language: English)
ROOM: Fa5
Chair: DONNA MERGELER

590 Evaluation of a community of practice
Johanne Saint-Charles, Canada

628 Scaling up the EcoHealth Approach: from research projects to public policies
Leandra Fatorelli, Brazil

712 Community of Practice in EcoHealth
Oscar Betancourt, Ecuador

933 South-South collaboration and neurotoxic effects in children
David Hernández Bonilla, Mexico

(IDSP - 4) 476-TOH *Ecotourism and Ecosystem Health
Oral presentation (Language: English)
ROOM: Fa6
Chair: MICHAEL MUEHLENBREIN

139 Surveys of Ecotourist Health and Vaccination Status Reveal Significant Risks of Anthropozoonoses
Michael Muehlenbrein, United States

144 Tourism, Infant Mortality and Behavioral Stress Indicators Among Wild Tibetan Macaques
Carol Berman, United States

167 Current Regulations and Future Recommendations for Great Ape Tourism
Marc Ancrenaz, Malaysia

178 Research, Tourism, Habitat Overlap, and Bacterial Transmission Between Humans And Apes
Tony Goldberg, United States

216 Molecular Epidemiology of Cryptosporidiosis, Giardiasis, and Microsporidiosis in Human-Habituated Gorillas
Thaddeus Graczyk, United States

611 Traveler Health Risks and Prevention Strategies
Robert Steffen, Switzerland

(109) 801-GTL - ENERGY, ALTERNATIVE FUELS AND HUMAN HEALTH
Oral Presentation (Language: English)
ROOM: Fa7
Chair: JONATHAN PATZ

1224 Co benefits of GHG Mitigation: What are the opportunities for a developing country?
Luis Cifuentes, Chile

1225 Energy, health and climate change
Paul Wilkinson, England
Building a framework to identify global health impacts of power generation systems
Julia M Gohlke, United States
Sharon Hynkow, Mexico
Adrián Alfredo Fernández Bremauntz, México

12:30 – 14:00 LUNCH and Poster Expo with authors present.
Themes:
Climate Change and EcoHealth, Conservation Medicine
Conservation Medicine
EcoHealth in the Urban Environment
Ecosystems and environmental Pollution
International Development, Community Health and the Environment

14:00 – 16:00 Parallel Sessions 2

(IDSP - 55) 727-OAA *SPEAKING TRUTH TO POWER: THE ART OF LINKING ECOHEALTH RESEARCH WITH POLICY
Knowledge café (Language: English)
ROOM: Hy1
Chair: MARIE-CLAIRE CORDIER SEGGER
Salud y ambiente: avances y desafíos en las evaluaciones de impacto
Raul Lopez, Ecuador;  Maria Leichner, Uruguay
940 How Research Results Contribute to the Environmental Management Plan in the Manganeseiferous District In Mexico?
Horacio Rojas, Roberto Reyes-Monzalvo, Mexico
954 Policy Implication on Risk Assessment among Workers and Community Associated with Leather Tanneries SME’s in Ulaanbaatar
Oyuuntogos Lakhaasuren, Tuya Sereenen, Mongolia
1006 Low-cost Housing and Health – how to inform City Planners, Msundusi Municipality, South Africa
Trevor Hill, Madeleine Jackson-Plaatjies, South Africa
1012 Soapstone Handicraft Pilot Unit in a Rural Area in Brazil: technical and policy integration experience
Zuleica Castillo, Renè Vilela, Brazil

(IDSP - 104) 151-SQS *PERIODISMO CIENTIFICO, EN FAVOR DEL BIENESTAR COMUN
Roundtable Testimonials (Language: Spanish)
ROOM: Hy2
Chair: ENRIQUE BUSTAMANTE
Silvia Ojanguren, Mexico
Fernando Patiño, Mexico
César Angulo, Mexico
Patricia Pérez, Mexico
Agustin del Castillo, Mexico

SESSION TITLE: SYSTEMS-BASED STRATEGIES TO MITIGATE EMERGING COMMUNICABLE DISEASES I
** Oral Presentation (Language: English)
ROOM: Hy3
Chair: ROGELIO DANIS
201 Integrated Mosquito Management: An Ecosystem Approach For Environmental And Human Health Protection
Rene Gato, Cuba
691  Community Animal Health Services Beat Livestock Disease and Human Poverty  
Delia Grace, Kenya

740  Deforestation and Disease: Econometrics of Malaria and Dengue in the Brazilian Amazon  
Simone Bauch, United States

922  “Man Bites Mosquito”: understanding the contribution of human movement to vector borne disease dynamics  
Durrell Kapan, United States

849  Environmental factors that contribute to dengue transmission in the neighborhood in Cali, Colombia  
Genny Virginia Martinez Puentes, Colombia

1093  Environmental Management for Malaria Control: Knowledge and Practices in Mvomero District, Tanzania  
Heather Randell, United States

(IDSP - 75) 939-RJW  *LAND USE, LAND COVER CHANGE AND POPULATION HEALTH IN THE AMAZON (CANCELLED) 
Oral presentation (Language: English)  
ROOM: Hy4  
Chair: ULISSES CONFALONIERI

812  Population Dynamics, Land Use Change and Malaria Prevalence in the Brazilian Amazon  
Alisson Barbieri, Brazil

1152  Amazon frontier expansion and malaria transmission  
Marcia Castro, United States

1154  Land Use/Land Cover Changes and Infectious Diseases in the Amazon: A Framework for Analysis  
Ulisses Confalonieri, Brazil

1155  Biomass burning as a driver of human exposure and health indicators in the Amazonian region  
Sandra Hacon, Brazil

(IDSP - 42) 612-KNE  *ECOHEALTH IN MIDDLE EAST AND NORTH AFRICA: CHALLENGES IN RESEARCH, POLICY, CAPACITY DEVELOPMENT AND NETWORKING 
Roundtable (Language: English)  
ROOM: Hy7  
Chair: LAMIA EL FATTAL

713  EcoHealth in Middle East and North Africa: Challenges in Research, Policy, Capacity Development and Networking  
Hesham Gaber, Egypt

997  EcoHealth in the MENA region: Challenges to research  
Iman Nwwahid, Lebanon

1151  EcoHealth in the MENA region: Challenges to Policies  
Housain Abouzaid, Lebanon

1156  EcoHealth in the MENA region: Challenges to Networking  
Ali Mokhtar, Egypt

(IDSP - 46) 586-WET  *ECOHEALTH, WATERSHEDS AND WETLANDS: CONVERGING AGENDAS TO INTEGRATE WATER RESOURCE MANAGEMENT AND THE DETERMINANTS OF HEALTH 
Oral presentation (Language: English)  
ROOM: Hy 8  
Chair: MARGOT PARKES

586  EcoHealth, Watersheds and Wetlands: A new portfolio or research and practice  
Margot Parkes, Canada
648 Integrating EcoHealth and watersheds: Building Common Ground for a Community of Practice
Karen Morrison, Martin Bunch, Canada

607 Reconceptualising priorities for wetland management: ecosystem services and human health
Pierre Horwitz, Australia

545 Water Privatization and Public Health in Bolivia
Enrique Cifuentes, Mexico

656 Linking watershed management, water safety and public health issues in Caribbean Small Island Developing States
Shermae Glasgow, Saint Lucia

SESSION TITLE: ECOSYSTEM MULTIDIMENSIONAL PERSPECTIVES TO VIRAL INFECTIOUS DISEASES.
** Oral Presentation (Language: English)**
ROOM: Hy9
Chair: MARTIN WIESE

266 Tick-Borne Encephalitis In The Baltic States: The Biological And Human Landscapes
Sophie Vanwambeke, Belgium

679 Morbillivirus in arctic fox and polar bears of northern Alaska
Cassandra Kirk, United States

1158 Orthopoxvirus Infection in Free-Ranging Small Mammals in Uganda: Potential Reservoirs and Implications for Public Health
Thomas Gillespie, United States

SESSION TITLE: CLIMATE VARIABILITY AND HEALTH EFFECTS I
Oral presentation (Language: English)
ROOM: Fa1
Chair: YASMIN RUBIO

222 Climate Variability And Dengue In Mexico: A Spatio-Temporal Analysis
Elia Machado, United States

254 Variabilidad Climática y Factores de Riesgo de la Enfermedad Diarreica Aguda en Leticia – Amazonas – Colombia
Omar Bonilla, Colombia

292 Impact of Climate and Weather Variability on the Incidence of Dengue in the Yucatan Peninsula
Alba Rocio Valdez Tah, Mexico

515 Influence Of Climatic Factors On Aedes albopictus Breeding Sites In The Colombian Amazon
Jose Joaquin Carvajal-Cortes, Colombia

778 Temperature and Precipitation Effect on Acute Respiratory Infections and Acute Diarrheic Diseases in Mexico
Magali Hurtado-Díaz, Mexico

SESSION TITLE: CLIMATE SENSITIVE SYSTEMS
Oral presentation (Language: English)
ROOM: Fa2
Chair: ANA ROSA MORENO

498 Aquatic Risk Associated With US Pesticide Use And The Impact Of Climate Change
Nikolanka Koleva, Germany

685 Flooding, Water Quality, and Waterborne Disease: An Ecosystem Services Approach
Karen Levy, United States
716 Household-container-temperature interactions and Aedes aegypti productivity: implications for community-based dengue prevention in variable climates
Harish Padmanabha, Colombia

777 ENSO and measlesivirus outbreaks in animal populations
Gerardo Acosta, United Kingdom

848 Climate variability & nasty infections, biting bugs & ‘green’ space – Ecology & Health research Wellington, NZ
Mary McIntyre, New Zealand

**IDSP - 84** 815-JPJ **GLOBAL ECOLOGICAL INTEGRITY: SUSTAINABILITY AND HEALTH**
Oral presentation (Language: English)

**ROOM: Fa3**

110 Global Ecological Integrity: Sustainability and Health
Colin Soskolne, Canada

1046 The End (of growth) is nigh
William Rees, Canada

1047 Sustaining Life on Earth: toward effective individual and institutional roles
Colin Soskolne, Canada

1048 Aboriginal communities as sentinels in health concerns: rights under the law
Laura Westra, Canada

**IDSP - 57** 449-AKE **GETTING AWAY FROM THE MALARIA TRAP...**
Oral presentation (Language: English)

**ROOM: Fa5**

376 Malaria and helmint co-infections in relation to agro-ecological systems in Mvomero District, Tanzania
Leonard Mboera, Tanzania

629 Integrating health systems approaches for sustained malaria control prior to transition to malaria elimination strategies.
Don De Savigny, Switzerland

828 Braiding the threads: Toward integrated approaches to malaria control in sub-Saharan Africa
Martin Wieme, Canada

873 Riego con Secas Intermitentes en el Arroz como estrategia de control vectorial de Malaria
María Elena Ogusuku Asato, Peru

**IDSP - 92** 970-RNW **CONSERVATION MEDICINE IN BRAZIL: THE SEARCH FOR SELECTED AGENTS AFFECTING NEOTROPICAL WILDLAUNA AND THEIR IMPACT ON DOMESTIC ANIMALS AND HUMAN COMMUNITIES**
Oral presentation (Language: English)

**ROOM: Fa 6**

1109 Research on antibodies against Leptospira spp in Giant Anteaters (Myrmecophaga tridactyla, Linnaeus, 1758)- Brazil.
Flávia Miranda, Brazil

1162 Study of inhibition of brain cholinesterase by different pesticides compounds in wild birds
Luiz Carlos Sá-Rocha, Brazil

1164 Passeriformes from the wildlife traffic: proposing destination and sanitary evaluation protocols
Silvia Godoy, Brazil

193 Effect Of Atlantic Forest Fragmentation On Tick Infestation on Birds And Infection By Rickettsia, Brazil
Maria Ogrzewalska, Brazil
Tuesday, December 2

1702 Conservation Medicine: Achieving Ecological Health for a Greener Planet
Aloiso Aguirre, Mexico

1703 MANUFACTURED NANOMATERIALS: ADDRESSING HUMAN HEALTH AND ENVIRONMENTAL ISSUES
Oral Presentation (Language: English)
ROOM: Fa7
Chair: TERESA ROMERO TORRES
- An Overview of NIEHS-Funded Research Addressing the Benefits and Possible Risks of Engineered Nanomaterials
Heather Henry, United States.
- Introduction to Nanotube Science and Technology: Applications and Toxicological Effects
Mauricio Terrones, Mexico
- Adverse health effects of inhaled nanoparticles
Lung Chi, United States

16:00 – 16:30 BREAK

17:00 – 18:30 Parallel Sessions 3

SESSION TITLE: (110) 517-LXB - ZOONOSES 2: THE ECOLOGY OF ZOONOTIC DISEASE EMERGENCE
** Oral presentation (Language: English)
ROOM: Hy1
Chair: PETER DASZAK
- Potentially Zoonotic Viruses In African Megachirompera
Andrew A. Cunningham, United Kingdom
- Nipah virus in Bangladesh: Is there the potential for a global pandemic?
Jonathan H. Epstein, United States
- SARS, Bird flu and tradition
Shuyi Zhang, China

18:30 – 19:30 Poster-aided Interactive Sessions (Language: English)
ROOM: Hy2
Chair: LUZ MARIA ARENAS
- La salud como indicador de calidad de vida en la ciénega del lago de Chapala
Antonieta Ochoa, Mexico

SESSION TITLE: INTEGRATING ECOSYSTEMS IN HUMAN HEALTH ASSESSMENT II
** Poster-aided Interactive Sessions (Language: English)
ROOM: Hy3
Chair: LUZ MARIA ARENAS
- La salud como indicador de calidad de vida en la ciénega del lago de Chapala
Antonieta Ochoa, Mexico
SESSION TITLE: REGIONAL FOOD AND HUMAN HEALTH
** Oral Presentation (Language: English)
ROOM: Hy4
Chair: ALBERTO YZUNZA-OGAZON

186 Green Leafy Vegetables Contribution to Eye Health in Rural Indian Women
Julie Bélanger, Canada

290 Maya Nut (Brosimum alicastrum): Traditional Rainforest Food For Healthy Forests And Families In Mesoamerica
Erika Vohman, United States

380 Selenium and health in the Brazilian Amazon
Mélanie Lemire, Canada

696 The Role Of African Traditional Foods In Public Health Intervention In Kenya
Esther Omosa, Kenya

(IDSP - 40) 576-ANT *INTEGRATING POPULATION, HEALTH AND ENVIRONMENT FOR DEVELOPMENT: A PUBLIC PRIVATE PARTNERSHIP APPROACH
Oral presentation (Language: English)
ROOM: Hy5
Chair: HEATHER DAGNES

725 Population, Health, Environment theory and practice
Heather Dagnes, United States.

772 The Value of Taking an Integrated Approach to Population, Health and the Environment
Cara Honzak, United States.

1157 Corporate Engagement in Community Health and Conservation
Conrad Person, United States

(IDSP - 82) 671-CHX *APPROACHES TO INTEGRATING ECOHEALTH INTO UNIVERSITY TEACHING AND RESEARCH PROGRAMS
Oral presentation (Language: English)
ROOM: Hy8
Chair: JERRY SPIEDEL

153 Mining Mongolia
Lesley Johnston, Canada

403 Dynamics of Environmental Risk, Vulnerability, and Health in Post-Transition Mongolia
Craig Janes, Canada

967 Community Capacity of Ecuadorian Indigenous and Farmer Organizations for Reducing Pesticide-related Harm: A case study
Fabio Cabarcas, Canada

980 Building capacity in environmental and occupational health sciences in a multi-disciplinary faculty
Tim Takaro, Canada

1076 Developing a Teacher’s Guide for Training Community-oriented EcoHealth Practitioners: a Masters Level Experience in Ecuador
M.Lourdes Larrea, Ecuador

SESSION TITLE: AGRICULTURE AND MALARIA II
** Oral Presentation (Language: English)
ROOM: Hy9
Chair: SAMUEL ADEWUYI
EcoHealth: Healthy Environments, Healthy People

Tuesday, December 2

300 Malaria in El Fayoum, Egypt: an Ecosystem Approach
Hala Abou-Ali, Egypt

457 Impact of development of market gardening on mosquito’s incidence and transmission of malaria in Benin
Yoadouemon Anges, Benin

509 Small-scale irrigation and malaria in Ziway, Ethiopia
Elaine Botoe, Ethiopia

627 Malaria heterogeneity in Sub-Saharan Africa: implications for multi-sectoral and ecosystem-based interventions
Leonard Mboera, Tanzania

756 Participatory involvement of farming communities and public sectors in determining malaria interventions strategies
Elizabeth Shayo, Tanzania

(IDSP - 18) 174- SQB *MICROBIAL DIVERSITY OF ENVIRONMENTAL BIOREMEDIATION PROCESSES AND URBAN BIOAEROSOLS.
Oral presentation (Language: English)
ROOM: Hy10
Chair: JAIME GARCIA MENA.

288 Microbial diversity of low atmosphere bioaerosols of Mexico City.
Jaime García-Mena, Mexico

535 Keratinous Waste Addition on Improvement of Crude Oil Removal by a Specialized Mixed Culture
Norma Rojas, Mexico

966 Photosynthetic bacteria Used In Human Health And Environmental Studies
Maria Teresa Nunez-Cardona, Mexico

1159 Chicken Feathers Biodegradation in a Crude Oil Removal Process
Elsa Cervantes-Gonzalez, Mexico

SESSION TITLE: CLIMATE VARIABILITY AND HEALTH EFFECTS II
Oral presentation (Language: English)
ROOM: Fa1
Chair: MAGALI HURTADO

Ayanlade Ayansina, Nigeria

199 Assessing the Impact of Climate Change on Human Health In Uganda
Sheba Ndagire, Uganda

411 The Relationship Between Climate and Malaria in Tanzania
Agnes Kijazi, Tanzania

550 Association Between Climatic Variables and Incidence of Dengue in Veracruz, Mexico
Grea Litali Moreno Banda, Mexico

SESSION TITLE: CLIMATE MODELLING AND HEALTH RISK
Oral presentation (Language: English)
ROOM: Fa2
Chair: STEPHEN ROTHENBERG

835 Outcome mapping in developing an Ecohealth project on cutaneous leishmaniasis in Algeria
Leila Houti, Algeria

860 Cambios Climaticos Definidos Durante El Pleistoceno, En La Sierra De La Primavera, Jalisco, Mexico
Roberto Maciel, Mexico

952 Malaria Risk Predictions using Climate and Environmental Monitoring and Prediction: Demonstration in Sri Lanka
Lareef Zubair, United States
983 Modelos de predicción de vulnerabilidad para enfermedades transmitidas por vector en el estado de Chiapas.
Rogelio Danis, Mexico

1033 A novel approach to modelling environmental exposures in time series health data with sparse counts.
William Checkley, United States

1116 Warning Alert System on Human Health from Climate Conditions in Cuba
Antonio Perez Rodriguez, Cuba

(IDSP - 78) 056-MSH *COMMUNICATING RESEARCH RESULTS FOR DEVELOPMENT Roundtable (Language: English)
ROOM: Fa3
Chair: JAVIER CRUZ MENA
Bruce Wilcox, United States
Jean-Marc Fleury, Canada
Frederic Mertens, Brazil
Mario Vettore, Brazil

SESSION TITLE: NEW PERSPECTIVES TO NEW PUBLIC HEALTH CHALLENGES: AVIAN INFLUENZA AND HANTAVIRUS.
** Oral Presentation (Language: English)
ROOM: Fa4
Chair: HEIN MALLEE

245 Knowledge, attitudes, and Practices of People Regarding Avian Influenza in Northern Thailand
Techit Chotinun, Thailand

257 Knowledge, Attitude and Practice of Fighting Cock Raisers and Cockpits Owners of Avian Influenza in Northern Thailand
Trosuk Yann, Thailand

464 Epidemiological Investigation of Hantavirus Infection in Rodents from Mexico
Celso Ramos, Mexico

651 Patterns of space and temporal distribution of Hantaviruses in Southeastern Brazil
Michelle Furtado, Brazil

728 Highly Pathogenic Avian Influenza - how big is the threat for mammal species?
Claudia Schoene, Germany

1126 Beyond Hantavirus: The Precautionary Principle and Interactions with Chiropteran Zoonotic Disease Reservoirs
Nadia Stegeman, United States

(IDSP - 70) 680-YMS *UNDERSTANDING AND IMPROVING DENGUE VECTOR MANAGEMENT IN ASIA: AN ECO BIO-SOCIAL RESEARCH PROGRAMME Oral presentation (Language: English)
ROOM: Fa5
Chair: JOHANNES SOMMERFELD

410 Towards Innovative Approaches To Control Dengue; An Eco-Bio-Social Study In Gampaha District, Sri Lanka
Wimaladharma Abeyewickreme, Sri Lanka

450 Eco-Bio-Social Dynamics for Better Informed Dengue Prevention in Myanmar
Pe Than Hmun Hhan, Myanmar

486 Building innovative community for a people centered dengue vector management in Yogyakarta, Indonesia
Susilowati Tana, Indonesia

500 Eco-bio-social factors of Vector Density - Developing Effective Approaches to Dengue Control in the Philippines
Jesusa Marco, Philippines
Tuesday, December 2

661 Eco-Bio-Social aspects of dengue transmission and vector control in the urban ecosystem of Chennai, India
Natarajan Arunachalam, India

769 Dengue and Vector Control: An Eco-Bio-Social Perspective
Pattamaporn Kittiyapong, Thailand

994 Eco-Bio-Social Research on Dengue in Asia: Rationale, Research Framework and Initial Results of a TDR/IDRC Joint Initiative
Johannes Sommerfeld Switzerland

(IDSP - 90) 407-KSI *GENDER IN ECOHEALTH APPROACH
Oral presentation (Language: Spanish)
ROOM: Fa6
Chair JULIA MEDEL

277 Toxic exposures in women's work: an invisible risk
Manuel Parra, Chile

783 Social participation and gender in the implementation of health public policies
Renata Távora, Brazil

932 Contribution of Mexican Health Sector to global pollution by mercury. Risk Assessment
Luz Helena Sanín, Mexico

1122 Women agricultural deskilling in Talamanca, Costa Rica
Douglas Barraza, Costa Rica

18:30 – 19:00 BREAK/MEETINGS

SPECIAL MEETINGS

19:00 - 20:00 International Association for Ecology & Health. Student Section Meeting.
Sarah Olsen.
Room: Hy3. Open to all participants

20:00 – 22:00 International Association for Ecology & Health. Student Social Activity.
Sarah Olsen.
Outside the Forum Venue Hotels. Open to all participants

19:00 – 20:00 EcoHealth Journal Full Editorial Board Meeting.
Bruce Wilcox.
Room: Hy6. By invitation only

19:00 - 21:00 Celebrating Distinguished Women in EcoHealth. Round table discussion and evening cocktail.
Zsofia Orosz
Canadian Embassy in Mexico and IDRC.
Room: Fa1 and Fa 2 Open to all participants
## Day 2 | Weds, Dec 3

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<th>Time</th>
<th>Event</th>
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<tr>
<td>7:30 – 8:30</td>
<td>Early Morning Round Tables</td>
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<td>8:00 – 18:00</td>
<td>Registration</td>
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<td>8:30 – 10:00</td>
<td>Plenary 2 Yucatan Room: Fiesta Americana Hotel</td>
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<td>&quot;Emerging Diseases as a Global Threat: understanding the resurgence&quot;</td>
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<td>Chair/moderator: Peter Daszak</td>
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<td>What is the role of tourism and research in emergence of novel pathogens in ape populations? Innocent Rwego. Makerere University. Kampala, Uganda.</td>
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<tr>
<td>10:00 – 10:30</td>
<td>BREAK</td>
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<td>10:30 – 12:30</td>
<td>Parallel Sessions 4</td>
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</table>

**SESSION TITLE: ECOSYSTEMS, MINING AND HUMAN HEALTH I**

<table>
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<tr>
<th><strong>Oral Presentation (Language: English)</strong></th>
<th><strong>ROOM: Hy1</strong></th>
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<td>359 Methylmercury, Zinc And Cooper Uptake By Earthworms Exposed To Soil From Old Gold Mining Area. Ricardo Cesar, Brazil</td>
<td>Chair: OSCAR BETANCOURT</td>
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<tr>
<td>632 An Integrated Risk Assessment Approach to the Study of Mining Sites: EcoHealth in mining sites Guillermo Espinosa, Mexico</td>
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<td>639 Ecosystem Approach to evaluate the mercury exposure associated to fish consumption: a Cuban experience Daniel De La Rosa Meder, Cuba</td>
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<td>800 Finding the Sources of Airborne Manganese (Mn) in the Mining District of Molango, Mexico Aron Jazcilevich, Mexico</td>
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<tr>
<td>841 Effects of environmental exposure to manganese on learning abilities/verbal memory of children in Mexico Horacio Riojas, Mexico</td>
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<tr>
<td>938 Mercury and global pollution. Dentistry case in Mexico. Luz Helena Sanin Mexico</td>
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</tbody>
</table>
EcoHealth: Healthy Environments, Healthy People

(IDSP - 97) 869-ZUE * ADDRESSING SOCIAL AND ENVIRONMENTAL HEALTH DETERMINANTS IN PRIMARY HEALTH CARE: SOCIAL MOBILIZATION OR DDT?
Roundtable (Language: English)
ROOM: Hb2
Chair: CARLOS CORVALAN
- Control focalizado del paludismo en México
  Mario H. Rodríguez, Mexico
- Proyecto PNUMA / GEF/OPS/DDT
  Emilio Ramírez P, Guatemala
- Estudios de costo efectividad de métodos de control de la malaria sin DDT
  Albarito Narvaez, Ecuador
- El rol de la epidemiología en el control de enfermedades transmitidas por vectores
  Zeida Yadon, Brasil
- Control de vectores en el Caribe
  Sally Edwards, Barbados

(IDSP - 89) 876-HQG * AN ECOSYSTEM APPROACH TO MANAGING WATER AND WASTE: CASE STUDIES FROM AN INTERNATIONAL ECOHEALTH PROGRAM IN ECUADOR
Poster-aided Interactive Sessions (Language: English)
ROOM: Hy3
Chair: ALEJANDRO RIOS
- 1104 Agua y Saneamiento Básico para la Comunidad de Costa Rica, Isla en el Pacífico Ecuatoriano
  Narcisa Erique, Ecuador
- 1107 Plan de Intervención Comunitaria para evitar Enfermedades Vehiculizadas por el Agua en San Fernando, Ecuador
  María de Lourdes Larrea, Ecuador
- 1130 Estudio de los Efectos en la Calidad del Agua del Volcán Tungurahua, Ecuador
  Raquel Gavilanes, Ecuador
- 1170 Participando para el Manejo Sostenible de los Desechos Solidos en la Isla Costa Rica
  Narcisa Erique, Ecuador
  María de Lourdes Larrea, Ecuador

SESSION TITLE: FOOD SECURITY
** Oral Presentation (Language: English)
ROOM: Hb4
Chair: ALBERTO YSUNZA OGAZON
- 152 Assessing the Potential Health Risks of Growing Leafy Vegetables in Contaminated Urban Sites in East Africa
  Grace Nabulo, United Kingdom
- 170 Achieving Food Security Through Food System Resilience: The Case Of Belize
  Jean-Charles Le Vallée, Canada
- 253 Increasing Agrobiodiversity, Food Availability and Self-Esteem through Farmer Research Committees
  Sally Humphries, Canada
- 475 Mayan Homegardens: Structure and Functioning of a Human Ecosystem
  Heriberto Emilio Canalo De La Cerda, Mexico
- 283 UNWFP Food Aid Improves Body Composition And Dietary Intake Among Food Insecure Clients In TASO-Uganda
  Alex Mokari, Uganda
- 1115 Food Security and Biodiversity under Global Climate Change in the Andes
  Nalini Rao, United States
SESSION TITLE: ECOHEALTH AND ITS TRANSDISCIPLINARY MISSION
Roundtable (Language: English)
ROOM: Hy 6
Chair: BRUCE WILCOX
Bruce Wilcox
Durrell Kapan

SESSION TITLE: ECOSYSTEM DEGRADATION AND WATER
** Oral Presentation (Language: English)
ROOM: Hy7
Chair: ENRIQUE CIFUENTES
146 Global Change and Groundwater Contamination in the Tensift River Watershed (Morocco): Impact on Human Health
Mohammed Messouli, Morocco
389 EcoHealth approach in the context of a watershed in West Africa: a case in Burkina
Samuel Yonkeu, Burkina Faso
676 Clean, Green and Hygiene: Environmental activities to improve drinking water quality and quantity
Rochelle Rainey, United States
282 Eco-solutions for Restoring an Ecosystem and Enhancing Community Health: A Case Study in Rural Egypt
Hesham Gaber, Egypt
146 Global Change and Groundwater Contamination in the Tensift River Watershed (Morocco): Impact on Human Health
Mohammed Messouli, Morocco
389 EcoHealth approach in the context of a watershed in West Africa: a case in Burkina
Samuel Yonkeu, Burkina Faso
676 Clean, Green and Hygiene: Environmental activities to improve drinking water quality and quantity
Rochelle Rainey, United States
282 Eco-solutions for Restoring an Ecosystem and Enhancing Community Health: A Case Study in Rural Egypt
Hesham Gaber, Egypt

SESSION TITLE: METHODS AND TOOLS
** Oral Presentation (Language: English)
ROOM: Hy8
Chair: JUAN EUGENIO HERNÁNDEZ
141 Uso de SIG en el análisis de situación de salud local, caso Encinillas, Mexico
Miguel Gonzalez, Mexico
150 Developing National Research Priorities For Human and Ecosystem Health Hazards
Josephine Malilay, United States
842 Opportunities for environmental modeling and forecasting of disease risk using geospatial technologies
Michael Wimberly, United States
852 New Mexico Environmental Health Tracking and Warning Using NASA Satellite Data
Helen Flowers, United States
888 Testing water quality in conjunction with a household health survey and construction of community maps
Miles Kirby, United States
1068 A geomatic approach for spatio-temporal analysis of water related diseases
Emmanuelle Quentin, Mexico
Multi-stakeholder Participation in Urban Ecosystem Health Research in Kathmandu, Nepal
Minu Sharma, Nepal

Multi-stakeholder partnerships in newly settled reclaimed land in Egypt: EcoHealth and the Lake Nasser Project
Ahmed Fatouk, Egypt

Research for Municipal Policy and Program Development: participatory development of alternatives for pesticide use reduction
Fadya Orozco, Ecuador

Integration of health, environment and community to assess air quality in low-income districts of Guayaquil and propose social actions and municipal policies
Mercy Borbor-Cordova, United States

An ecosystem approach to human health for the prevention of Dengue in Cuba
Cristina Diaz Pantajo, Cuba

Impact of Urban Ecosystem Health Project (UESHP) in Kathmandu Nepal
Durga Datt Josh, Nepal

Contribution of the local populations in the sustainable improvement of their living conditions in Yaoundé.
Mougoue Benoit, Cameroon

Poverty, Health and Environment in Urban Latin America
Maria Onestini, Argentina

The triple win: small holder dairying that is pro-poor, environment-friendly and consumer-safe
Delia Grace, Kenya

Waste Recycling for Urban Agriculture in Kampala: Mapping Community Health Hazards
Suzannah Bennett, Canada

A Targeted Intervention To Reduce Rain-Filled Buckets/Pots Against Traditional Aedes aegypti Control In Merida, Mexico
Pablo Camilo Mantique-Saide, Mexico

Dengue Control: An Ecosystem Modeling Proposal Based on Risk Situations and on Local Social Nets
Solange Santos, Brazil

The theoretical value of oviposition traps in integrated dengue vector control and eradication programs
Brett Ellis, Brazil

Ecosalud y percepción de riesgos para criaderos del Aedes Aegypti en el Municipio Centro Habana
Ana Maria Ibarra, Cuba
SESSION TITLE: (IDSP - 10) 316-YEE - INFECTIOUS DISEASE AND WORLD-WIDE DECLINES OF AMPHIBIAN POPULATIONS
** Oral Presentation (Language: English)****
ROOM: Fa2
Chair: VANCE VREDENBURG

1024 Chytridiomycosis: Impact, origins and control
Peter Daszak, United States
877 The additive impact of pesticides on amphibian disease susceptibility
Jake Kirbi, United States
408 Rapid spread of Batrachochytrium dendrobatidis causes chytridiomycosis outbreaks and extinctions in yellow-legged frogs of the Sierra Nevada
Vance Vredenburg, United States

SESSION TITLE: ECOLOGY AND HUMAN HEALTH
** Oral Presentation (Language: English)****
ROOM: Fa3
Chair: SANDRA RODRIGUEZ

214 Utilização de Rejeitos Oriundos do Corte de Rochas Ornamentais para Produção de Pisos Poliméricos
Roberto Ribeiro, Brazil
240 Assessing land-use proposals with health outcomes and indicators: emerging targets for EcoHealth in the United States
Sarah Heaton, United States
788 Observatorio Ambiental de Chihuahua: A risk communication strategy
Victoriano Garza-Almanza, Mexico
1073 Global Environmental Change and Human Health: an Earth System Science Partnership Response
Mark Rosenberg, Canada

(IDSP - 107) 561-GSF *LEAD POISONING: IMPACTS ON FISH, WILDLIFE, PEOPLE AND ECOSYSTEMS
Oral presentation (Language: English)
ROOM: Fa4
Chair: MARK POKRAS

Mark Pokras
Alonso Aguirre
Ellen Silbergeld
1221 Implications of Non-linear Lead Dose-response Effects.
Stephen Rothenberg, Mexico

(IDSP - 60) 784-SDJ *COMPOSING A PARTITION FOR MULTIPLE VOICES AND INSTRUMENTS: LESSONS LEARNED FROM A PARTICIPATORY AND INTERDISCIPLINARY RESEARCH ON MERCURY IN THE BRAZILIAN AMAZON
** Oral Presentation (Language: English)****
ROOM: Fa5
Chair: JOHANNE SAINT-CHARLES

412 No good answer to a wrong question: tracking the source of Hg in the Amazon.
Stephen Rothenberg, Mexico
591 Agricultural Practices in Brazilian Amazon: From Mercury Contamination to a Broader Environmental Health Perspective
Robert Davidson, Canada
622 Better management of traditional food resources and human health in the Amazon: the CARUSO experience
Carlos Jose Souza Paixao, Brazil
815 Social network approaches to analyze and promote community participation
Frédéric Mertens, Brazil

1161 Influence Of Ecological Factors And Of Land Use On Mercury Levels In Amazonian Fish
Delaine Sampaio Da Silva France Metropolitan

SESSION TITLE: CONSERVATION, HEALTH, AND THE HUMAN DIMENSION
** Oral Presentation(Language: English)
ROOM: Fa6
Chair: JONATHAN EPSTEIN

396 Using Ecosystem Approaches To Solve Health Problems At The Livestock-Wildlife Interface
Jonna Mazet, United States

442 Conservation Volunteering: Its Contribution To Individual And Community Health As Well As To Ecosystem Health
Mardie Clifford, United States

523 Environmental And Social Determinants Of Zoonotic Disease Transmission At The Wildlife-Livestock Interface In Tanzania
Deana Clifford, United States

794 From wildlife health to conservation medicine: A research program from the mesoamerican perspective
Manuel Weber, Mexico

1005 Ecosystem Health, Human Livelihoods And Wildlife - The Complexities of Transfrontier Conservation
Nicky Shongwe, South Africa

SESSION TITLE: HEALTHY OCEANS, HEALTHY PEOPLE
** Oral Presentation(Language: English)
ROOM: Fa7
Chair: SIMONE WEBSTER-STAHEL

565 Monitoring of Harmful Algal Blooms in Veracruz Coastal Waters, Gulf of Mexico, in 2005-2008
Yury Okolodkov, Mexico

717 Harmful algal blooms in the Yucatan (SE, Mexico) coasts.
Jorge Alfredo Herrera, Mexico

802 Deconstructing the linkage between human and coral reef health in the Pacific Islands
Elizabeth Pless, United States

1070 Public Health, Wetland Restoration, And Community-Based Sustainable Recovery In The Lower Ninth Ward, New Orleans
Elizabeth Pless, United States

1129 Risks and Health Problems Associated To Lobster Fishing In Ria Lagartos Biosphere Reserve, Yucatan, Mexico.
Oswaldo Huchim, Mexico

1143 Evidence of Panulirus argus virus (PAV1) in spiny lobsters from Mexico
Juan Pablo Huchin-Man, Mexico

12:30 – 14:00 LUNCH and Poster Expo with authors present

Themes:
- Agricultural transformations, biodiversity, and human health
- Building Capacity for Integrated Methods on EcoHealth
- Disease Emergence and Re-emergence
- Ecosystems and environmental Pollution
- Healthy Oceans, Healthy People
- International Development, Community Health and the Environment
14:00 – 16:00  Parallel Sessions 5

SESSION TITLE: ECOSYSTEMS, MINING AND HUMAN HEALTH II
** Oral Presentation (Language: English)
ROOM: Hy1
Chair: CATHARINA WESSELING

620 Effects of environmental exposure to manganese on intellectual function of children in Mexico
Horacio Rojas, Mexico

874 Mercury exposure and visual health in the Brazilian Amazon: a follow-up study in Brasilia Legal
Myriam Fillion, Canada

908 Effects of environmental exposure to manganese on motor functions of children in Mexico
David Hernández Bonilla, Mexico

929 Effects of environmental exposure to manganese on visuospatial perception in children
Ernesto Montemayor-Varela, Mexico

932 Contribution of Mexican Health Sector to global pollution by mercury. Risk Assessment
Luz Helena Sanín, Mexico

1021 Small scale gold mining: perspectives on ecology and health
Ellen Silberfeld, United States

SESSION TITLE: INDIGENOUS PERSPECTIVES ON ECOSYSTEMS AND HEALTH
** Oral Presentation (Language: English)
ROOM: Hy2
Chair: FERNANDO DÍAZ BARRIGA

10 Assessing Communal Conflict Impacts on Land use and Human Health in African Country
Ayanlade Ayansina, Nigeria

143 Deciding to Flush: Identification of Motivators and Barriers to Toilet Construction in the Western Region of Nepal
Sandra Umbach, Canada

541 Systems Approaches to Food Safety & Diversity in a Transnational Society
Sandy Isaacs, Canada

546 Individual and collective knowledge and practices about dengue transmission in a neighborhood in Cali, Colombia
Patricia García, Colombia

805 People’s Knowledge – People’s Foundation and Strength
Reetu Sogani, India

SESSION TITLE: SYSTEMS-BASED STRATEGIES TO MITIGATE EMERGING COMMUNICABLE DISEASES II
** Oral Presentation (Language: English)
ROOM: Hy3
Chair: GERRY EIJKEMANS

236 Combating Emerging Diseases Through Transdisciplinary Networking And EcoHealth Approaches In South And South East Asia
Simon Firestone, Thailand

578 Roads and spots: Economic development and health threats in the Brazilian Amazon
Christovam Barcellos, Brazil

1002 Reviewing “Emergencies” in HIV/AIDS-affected Countries in Southern Africa: Shifting the Paradigm in Lesotho
Kwame Owusu-Ampomah, South Africa

1025 HIV Prevention In High-risk Batay Communities Working Through Local NGOs
Loddys Abreu, Dominican Republic
SESSION TITLE: THE USE OF PESTICIDES AND HUMAN HEALTH II
** Oral Presentation (Language: English)**
ROOM: Hy4
Chair: DOUGLAS BARRAZA

355 DPSEEA framework (WHO) application in the analysis and management of pesticide poisonings in Brazil
Frederico Peres, Brazil

568 Children’s pesticide exposure and neuropsychological effects
Berna Van Wendel De Joode, Costa Rica

889 Neurological effects in Nicaraguan children exposed to pesticides
Teresa Rodriguez, Nicaragua

1118 Organochlorine Pesticides in Breast Milk from Yucatecan Women. Is there a relationship with the environment?
Gerardo Gold-Bouchot, Mexico

SESSION TITLE: RESIDUOS SOLIDOS URBANOS Y SU IMPACTO EN LA SALUD HUMANA
** Oral Presentation (Language: English)**
ROOM: Hy6
Chair: CARMEN LEDO

428 Connaissances, Attitudes et Pratiques relatives à la santé des récupérateurs de la décharge de Mbeubeuss/Sénégal.
Ibrahima Dieye, Senegal

638 Caracterización de riesgos toxicológicos por exposiciones químicas múltiples en recicladores de residuos sólidos, Lima-Perú.
Hugo Villa, Peru

673 Vivienda y Trabajo Informal: Caso de los recicladores de residuos sólidos Lima – Perú
Magaly Del Pilar Oviedo Gamero, Peru

920 The environmental impacts of gold mining and social indicator of Paracatu, MG, Brazil
Monica Andrade-Morey, Brazil

968 Manejo de residuos sólidos en las viviendas de adolescentes del municipio de Huitzilac, Morelos, México
Maria Alejandra Terrazas Meraz, Mexico

(IDSP - 56) 220-LFZ *CHALLENGES AND ACCOMPLISHMENTS IN BUILDING ECOHEALTH CAPACITY IN ECUADOR ROUNDTABLE
Roundtable Testimonials (Language: English)
ROOM: Hy7
Chair: JERRY SPIEGEL

Alejandro Rojas, Canada
Annalene Yass, Canada
Rafael Aleluma
Mary Marchant
Elena Orrego

(IDSP - 53) 324-YEU *EMERGING DISEASES IN A FAST CHANGING WORLD – THE NEED AND CHALLENGES FOR COLLABORATIVE AND TRANSDISCIPLINARY APPROACHES TO RESEARCH
Debate (Language: English)
ROOM: Hy8
Chair: SUWIT WIBULPOLPRASERT

Dominique Charron, Canada
Dinh Xuan Tung, Vietnam
**Conference Program**

**International EcoHealth Forum 2008**

**Wednesday, December 3**

**SESSION TITLE: PEOPLE’S HEALTH AND URBAN ENVIRONMENTAL DEGRADATION**

**ROOM: Hy10**

Chair: MARCELO FIRPO PORTO

- **395** Urban Development, Behavioural Factors and Cutaneous Leishmaniasis Increase in Ouagadougou, Burkina Faso
  - Lydia Yemiga, Burkina Faso

- **830** Results of multidisciplinary actions in lead contamination in Uruguay
  - Adriana Consillas, Uruguay

- **845** Using Remotely Sensed Data To Evaluate Linkages Between Hypertension, Land Cover/ Land Use, and Temperature
  - Maurice Estes Jr, United States

- **1050** PCB Exposure And Damage Cell, Dermal In A Ei- Occupational Population Sample In Alpuyeca Morelos.
  - Corina Flores Hernandez, Mexico

- **1111** Status and eco-routes of mercury in human bio-accumulation around an integrated steel plant
  - Shamsh Pervez, India

**SESSION TITLE: ZOONOTIC DISEASE EMERGENCE**

**ROOM: Fa1**

Chair: PETER DASZAK

- **479** Parasite co-infections and host heterogeneity – key issues for understanding disease transmission
  - Isabella Cattadori, United Kingdom

- **534** Integrating Viral Genomics And Host Population Biology
  - Mary Poso, United States

- **1218** Ecological Models for the Community Dynamics of Avian Influenza in Waterfowl Communities
  - Andy Dobson, United Kingdom

**SESSION TITLE: FACE OF RURAL POVERTY – CHAGAS DISEASE IN LATIN AMERICA AND THE CARIBBEAN**

**ROOM: Fa2**

Chair: ROBERTO BRESNO LEON
Population dynamics of Triatoma pallidipennis: from sylvan to domestic habitats
Janine Ramsey, Mexico

Long term control strategy for indigenous Chagas disease vector in Guatemala
Carlota Montroy, Guatemala

EcoHealth approaches to prevent Chagas and other vector-borne diseases
Roberto Bazzani, Uruguay

Control de la enfermedad de Chagas en Honduras: un ejemplo de integración y armonización
Jose Lima, Honduras

Sustainable vector control and management of Chagas disease in northern Argentina
Ricardo Gitterle, Argentina

SESSION TITLE: ENVIRONMENTAL GOVERNANCE AND ECOSYSTEM MANAGEMENT CHALLENGES
** Oral Presentation(Language: English)
ROOM: Fa3
Organizer: Chair: ARMANDO ARREDONDO

Integrated Population and Coastal Resource Management Impact on Ecosystem and Human Health in Coastal Philippines
Joan Regina Castro, Philippines

Fluoride Leaching In Groundwater Cripples Life In Parts Of India
S.K. Sharma, India

Philippine Coastal Ecohealth Practitioners: Challenging Marine Tenure in Turbulent Seas
Jourdel Mario Anabieza, Philippines

The Alternatives To Solve Caravan’s Textile Cluster Environmental Impacts
Anupa Gupte, India

SESSION TITLE: WILDLIFE DISEASE AND CONSERVATION MEDICINE
** Oral Presentation(Language: English)
ROOM: Fa6
Chair: SHUYI ZHANG

Seabird Mortality Along the US Atlantic Coast: Field and Necropsy Findings of the SEANET Project
Sarah Courtchene, United States

Aspectos Epidemiologicos de Oso Andino (Tremarctos ornatus) en Cautiverio
Ezequiel Hidalgo, Venezuela

Fibropapillomatosis in Chelonia mydas marine turtles: The search for viral agents
Eliana Reiko Matushima, Brazil

SESSION TITLE: APPROACHES AND METHODS FOR INTERVENTIONS IN PUBLIC HEALTH
** Oral Presentation(Language: English)
ROOM: Fa7
Chair: ULISSES CONFALONIERI

Economic Development, Ecosystems and Human Well-being: A Transdisciplinary Analysis Of The Caribbean Island Of Dominica
Simone Webster-Stahel, Canada

Ecosystem Approach to Impact of Oil Industry’s activities on Community Health in Niger Delta, Nigeria
Comfort Hassan, Nigeria

EcoHealth Approaches To Promote Sustainable Health Among Communities Dependent On Stone Crushing Units In India
Raghwesh Ranjan, India
Towards an integrated approach to health, ecology, and assessment of the Three Gorges Dam
John Kittinger, United States

“Agricultural transformations, ecosystems and human health linkages: A synthesis of lessons from IDRC’s Ecohealth Program”
Lamia EL-FATTAL, Egypt

Development and administration of a comprehensive household survey in two communities in rural coastal Ecuador
Miles Kirby, United States

Integrated Environment and Health Assessment for Latin America and the Caribbean – GEO Health
Ana Rosa Moreno, Mexico

16:00 – 16:30  BREAK

16:30 – 18:30  Parallel Sessions 6

SESSION TITLE: CONFLICT, JUSTICE AND ECOSYSTEM HEALTH
** Oral Presentation(Language: English)
ROOM: Hy1
Chair: LAMIA EL FATTAL

291 Life strategies and empowerment among women on the coast of Yucatan state, Mexico.
Karla Egle Atoche Rodríguez, Mexico

581 Cultural and Historical Value of Mayan Medicine and Traditional Phytotherapy Practice by Contemporary Yucatecan Mayans
Nina Méndez, Mexico

677 Mayan Indigenous Housewives Participation In the Plant Identification at the Pre-Hispanic Town Of Uxmal
Andrés Uc, Mexico

993 Relation Between Socioeconomic Level, Air Pollution and Hospital Admissions in Santiago, Chile
Jeanette Vera, Chile

SESSION TITLE: CLIMATE CHANGE ADAPTATION
** Presentation: Oral presentation(Language: English)
ROOM: Hy2
Chair: ULISES CONFALONIERI

29 How Grassroots Communities In Africa Can Be Assisted To Cope With Climate Change
David Nkwanga, Uganda

887 Indigenous Communities’ Livelihoods and the Role of Social Capital in Adaptations to Climate Change
Lorenzo Magrul, Canada

988 Adaptations to Climate Change: Environmental and Social Costs of Dams
Lorenzo Magrul, Canada

1035 Enfermedades Transmitidas por Vectores, efectos económicos y políticas públicas: Adaptación al cambio climático
Marcelo Olivera, Mexico

SESSION TITLE: CLIMATE CHANGE VULNERABILITY
Oral presentation(Language: English)
ROOM: Hy3
Chair: MARILYN APERICIO

119 Climate Change, Water Quality, and Human Gastrointestinal Health in Nunatsiavut, Canada
Sherilee Harper, Canada
145  Assessment of Oases Ecosystem Health: Vulnerability and Adaptation to Climate 
Change in Southern Morocco 
Mohammed Messouli, Morocco

156  The Livelihood Vulnerability Index: A Pragmatic Approach To Assessing Risks From 
Climate Variability And Change 
Micah Hahn, United States

175  La percepción del riesgo y la vulnerabilidad social; el huracán Stan en Motozintla, 
Chiapas 
Guadalupe del Carmen Alvarez, Mexico

985  Una perspectiva histórica de la vulnerabilidad por inundación y deslave en la República 
Mexicana. 
Janine Ramsey, Mexico

SESSION TITLE: THE USE OF PESTICIDES AND HUMAN HEALTH I

** Oral Presentation (Language: English)
ROOM: Hy4
Chair: MARCO YARTO

281  Maternal Exposure in Floriculture Work, Polymorphisms PON1 and the Risk of Low Birth 
Weight 
Grea Litai Moreno Banda, Mexico

337  Health Implication of Insecticide Use In Cowpea Production in Ogun State, Nigeria 
Idris Ayinde, Nigeria

857  A participative action research experience for reducing pesticide use in two indigenous 
communities in Ecuador 
Fabio Cabarcas, Canada

1210 Capacitación a población rural para reducir las intoxicaciones laborales y accidentales 
no laborales por plaguicidas en Matagalpa y Jinotega- Nicaragua 
Jackeline Berroteran Mejia, Nicaragua

SESSION TITLE: EDUCATION AND TRAINING ON ECOHEALTH

** Oral Presentation (Language: English)
ROOM: Hy7 (PS6)
Chair: LUZ ARENAS

270  Extended University and Social Development in the College of Aracruz 
Andrea Ferreira, Brazil

460  A Survey of Research Activity, Educational Goals and Expectations of EcoHealth Students 
Robert Truckner, United States

773  Incorporating Eco Health into Health Profession Education in India 
Sanghamitra Pati, India

814  Training In Simple Analytical Methods And Its Impact In Low-Income Countries Public 
Health 
Gualberto Gonzalez-Sapienza, Uruguay

987  Synthetic Environment Supports Natural Urban Ecology 
Lauren James, United States

1141 Calidad del trabajo y género en Chile: la visión de los trabajadores y trabajadoras 
Julia Medel, Chile

(IdSP - 51) 628-HPQ *SOLID WASTE MANAGEMENT AND HEALTH

Oral presentation (Simultaneous interpreting: F / E - E / F - S / E - E / S)
ROOM: Hy9
Chair: ANITA DAL-CHA
521 Examining the conflictive relationships between recyclers’ work and Peruvian regulations
Ruth Arroyo, Peru

529 Décharge de Mbeubeuss et santé humaine : Résultats préliminaires de l’étude Ecosanté à
Malika/Sénégal.
Cheikh Fall, Senegal

573 Precollection of domestic waste in the spontaneous habitation
Emmanuel Ngumkam, Cameroon

719 Sustainable Community-Based Interventions for Improving Environment and Health in
Shums of Banda, Kampala City
Wamuyu Maina, Uganda

SESSION TITLE: QUESTIONING THE SUSTAINABILITY OF URBAN ENVIRONMENTAL
POLICIES
** Oral Presentation (Language: English)
ROOM: Hy10
Chair: OSCAR BETANCOURT

482 Re-discovering Nature in Urban Places to Create Healthy Environments and Healthy People
Cecily Maller, Australia

672 Bridging the Gap Between Health and the Built Environment: The Triple Win Biking Project
Maggie Grabow, United States

998 A Comparative Study of Waste Management Expenditure and Fiscal Policy of Local
Authority Organisation (LAOs)
Sombat Haesakul, Thailand

(IDSP - 9) 203-EXE *ECOHEALTH OF VECTOR-BORNE DISEASES IN LATIN AMERICA
Oral presentation(Language: English)
ROOM: Fa1
Chair: YASMIN RUBIO-PALIS

204 Eco-health Focused Control Of Chagas Indigenous Vector In Guatemala, Central America
Carlota Monroy, Guatemala

205 Determinants of Dengue in an Urban Setting: An Ecosystem Approach to Understand
Transmission
Fabian Mendez, Colombia

206 Malaria Transmission and Land Use Management in the Ecuadorian Amazon: Identifying
Ecosystem Determinants of Malaria
Mauricio Espinel, Ecuador

207 An Ecosystem Understanding of Malaria in The Caura River Indigenous Communities
(Venezuela) for its Control
Domingo Medina, Venezuela

SESSION TITLE: ECOSYSTEMS APPROACHES TO DENGUE AND OTHER INFECTIOUS
DISEASES
** Oral Presentation(Language: English)
ROOM: Fa2
Chair: HECTOR GOMEZ DANTES

231 Aedes aegypti Key Breeding-Sites Susceptible For Targeted Control Strategies With
Community Participation In Morelos, Mexico
Pablo Camilo/Manrique-Saide, Mexico

734 Knowledge, attitudes and practices related to Dengue in the city of Cabo de Santo
Agostinho/Brasil
Solange Santos, Brasil

956 Dengue prevention in Latin America: Effectiveness and Multi-scalar Policy Implications
of EcoHealth Projects
Ben Brabois, Canada
801 Two experiences on ecosystemic approach for prevention of dengue vector in Buenos Aires, Argentina. Nicolas Schweigmann, Argentina

838 Aplicación del Enfoque ecosistémico para la prevención y control del Dengue en localidades chiapanecas. Nicolas Leon Vega, Mexico

SESSION TITLE: CHALLENGES IN THE FORMULATION AND IMPLEMENTATION OF HEALTHY PUBLIC POLICIES
** Oral Presentation (Language: English)**
ROOM: Fa3
Chair: IRMA ROSAS

438 Children’s Environmental Health Policy in Mexico: National and Global Considerations Benjamin Warren, Canada

547 Beyond the public-private binary: Cooperatives as alternative water governance models Suzanne Moccia, Canada

560 Considering eco-health approaches from an implementation perspective Marta Berbes, Canada

626 Plugging the colander - integrating biodiversity and public health policies Conor Kretsch, Ireland

737 Socio-environmental sustainability indicators for cities: Middle Paraiba Region, State of Rio de Janeiro Carlos Freitas, Brazil

771 A network analysis of the participatory process in the formulation and implementation of health public policies Renata Tavora, Brazil

897 Health Impact Assessment: What we don’t do and what we should do in Mexico Julieta Pisanty-Levy, Mexico

SESSION TITLE: ENVIRONMENTAL DEGRADATION AND AIR POLLUTION II
** Poster-aided Interactive Sessions (Language: English)**
ROOM: Fa4
Chair: MARLENE CORTEZ

369 Cardiovascular Mortality and Respiratory Cancer Incidence near a Nickel/Copper Smelter and a Nickel Refinery Pia Verkasalo, Finland

697 Granite quarrying and the health of workers and nearby residents in Abeokuta Metropolis, Nigeria Olusegun Oguntoke, Nigeria

700 Exposure Assessment of Silica and Innovative Control Strategies in Stone Crushing Units of Central India Krishnendu Mukhopadhyay, India

1062 Developing a Systems Understanding of the Air Pollution Problem in Ulaanbaatar, Mongolia Bernice Chan, Canada

1081 Air Pollution And Human Exposure By Passive Sampling In Slovenia Coastal Region Agnes Somen Joksic, Slovenia

(IDSP - 68) 233-OHM *HOW DOES A GENDER LENS CONTRIBUTE TO HEALTHY ENVIRONMENTS AND HEALTHY PEOPLE? Roundtable (Language: English)
ROOM: Fa5
Chair: LINA ABOU-HABIB

Lorena Nunez, South Africa
Frederic Pelat Yemen
SESSION TITLE: CONNECTIONS BETWEEN BIODIVERSITY CONSERVATION AND HEALTH
** Oral Presentation (Language: English)**
ROOM: Fa6
Chair: JONATHAN EPSTEIN

168 Distributional Equity in Wildlife Revenue Sharing: The Welfare of Rural Communities and Healthy Ecosystems
Dwasi Jane, Kenya

435 Organochlorine Compound Residues in Eggs of Broad Snouted Caimans (Caiman latirostris)
Monica Mutus-Do-Toro, Argentina

478 The Convergence of Ecohealth and Ethics: The Control of Feral Water Buffalo in Northern Australia.
Glenn Albrecht, Australia

634 Heavy metals in Magellanic Penguin wrecked at the Brazilian coast: proposal of a new bioindicator.
Claudia Vega, Brazil

883 The Global Wildlife Disease News Map
Joshua Dein, United States

1065 Antidiabetic Activity and Compounds From the Leaves Extract of Hintonia latiflora: A Conservation Strategy
Sol Cristians, Mexico

SESSION TITLE: ECOHEALTH AT THE LAND-SEA INTERFACE: PARASITES, POLLUTANTS
** Oral Presentation (Language: English)**
ROOM: Fa7
Chair: ALONSO AGUIRRE

212 Land to Sea Transmission of Terrestrial Pathogens: Wetland Degradation and Toxoplasmosis in Sea Otters
Karen Shapiro, United States

323 A transdisciplinary approach to identify the flow and control of Toxoplasma gondii from land to sea
Patricia Conrad, United States

392 Beneficial Management Practices (BMPs) Reduce Giardia and Cryptosporidium Loading In Dairy Farm Storm Runoff
Woudrina Miller, United States

925 Toxoplasma gondii in coastal terrestrial hosts: exploring the connection between land and ocean
Elizabeth Van Wormer, United States

18:30 – 19:00 BREAK/MEETINGS

SPECIAL MEETINGS
19:00 – 20:00 International Association for Ecology & Health - Biennial General Meeting & Elections.
Margot Parkes
Open to all participants
Room: Hy3
20:00 – 21:00  CoPEH-MENA Cocktail  Jaqueline Adel
Open to all participants
Club de Industriales (Fiesta Americana)

**DAY 3 | THURS, DEC 4**

7:30 – 8:30  Early Morning Round Tables
8:00 – 18:00  Registration
8:30 – 10:00  Plenary 3 Yucatan Room: Fiesta Americana Hotel

“A world with limits: juggling development, health and ecosystem sustainability”
Chair/moderator: Donna Mergler

More than adjectives are needed if we envision a sustainable and healthy planet.
Suzana Padua. Instituto de Pesquisas Ecológicas, Brazil
Shaping the scientific agenda for sustainable development under the pressures of global acceleration and crisis
Jaime Breilh, Universidad Andina Simon Bolívar, Ecuador

The National Health Act and National Health Assembly in Thailand: A social innovation for ecohealth
Suwit Wibulpolprasert, Senior Advisor on Disease Control, Ministry of Public Health, Thailand

Seaweed Farming in the Tropics: Environmental and Social Concerns
Daniel Robledo. Head of the Department of Marine Resources, Center of Advanced Studies and Research, Unidad Merida Mexico

Discussant: Iman Nuwayhid, American University of Beirut

10:00 – 10:30  BREAK

10:30 – 12:30  Parallel Sessions 7

(IDSP - 34) 472-OXM *CHEMICALS INVENTORIES AS A TOOL FOR GOVERNANCE
Oral presentation (Language: English)
ROOM:Hy1
Chair: FIDEL GOMEZ MENDOZA

455 The Domestic Substances List – Canada’s Chemicals Inventory
Eeva Leinala, Canada
David Morin, Canada

879 The Pollutant Release and Transfer Register as another tool for chemicals management
Isabel Jiménez, Mexico

981 Development of a National Chemicals Inventory for Mexico
Mario Yarto, Mexico

747 US Toxic Substances Control Act Chemical Substance Inventory
Tracy Williamson, United States.
SESSION TITLE: URBAN VULNERABILITY AND HEALTH IN LATIN AMERICAN CITIES
** (Oral Presentation(Language: English)
ROOM: Hy2
Chair: MARIA ONESTINI
958 Salud, medio ambiente y pobreza en la ciudad de Cochabamba
   Maria del Carmen Ledo, Bolivia
388 Gestión Comunitaria de los Recursos Hídricos. Cuenca del Arroyo Pantanoso.
   Montevideo, Uruguay.
   Alicia Stella Raffaele Vázquez, Uruguay
779 Factores Psicosociales y Salud Mental en Recicladores de Residuos Sólidos. Lima – Perú
   Fernando Cerón, Peru
911 Local Knowledge Production, Health Promotion And Empowerment In Urban
   Vulnerable Territories In Río De Janeiro, Brazil
   Marcelo Porto, Brazil
1045 Prevalencia de enfermedades crónicas y factores sociales en familias de la rivera de rio
   Bogotá
   John Benavides, Colombia

(IDSP - 29) 233-EVG *FOOD FOR THOUGHT: AGRICULTURE, FOOD SECURITY AND
NUTRITION THROUGH AN ECOCHEALTH LENS
Poster-aided Interactive Sessions(Language: English)
ROOM: Hy3
Chair: DONALD COLE
339 Agro-Biodiversity and Traditional Knowledge in Sustaining Rain-fed Agro-ecosystems
   and their roles in Enhancing Local Food Production of Highland Communities in Yemen
   Amin Al Hakimi,  Yemen
344 Urban smallholder dairy production: A Food Security Option
   Erastus Kang’ethe, Kenya
471 Diet, food security and agro-biodiversity in three poor Lebanese rural communities
   Malek Batal, Canada
798 Linking Agriculture and Nutrition Interventions: Within and Without an EcoHealth Approach
   Peter Berti, Canada
875 Diet diversification through local foods: experiences from traditional vegetable
   promotion work in Kenya
   Patrick Maundu, Kenya

(IDSP - 62) 071-SNO *FOOD SOVEREIGNTY AND PARTICIPATORY RESEARCH:
AGROECOLOGICAL APPROACHES TO IMPROVE FOOD AND NUTRITIONAL
SECURITY IN MALAWI
Roundtable Testimonials(Language: English)
ROOM: Hy4
Chair: RACHEL BEZNER KERR
658 EcoHealth approaches to integrating HIV and food security issues
   Laifolo Dakishoni, Malawi
664 Farmers first: participatory methods to improving our soils and children’s health
   Rodgers Maachi, Malawi
757 A Participatory Analysis Of Youth Goals, Expectations and Obligations For Sustaining
   Rural Livelihoods in Northern Malawi
   Laurent Classen, Canada
957 Effects of an integrated agricultural intervention on food security and gender relations
   Lizzie Shumba, Malawi
   Measuring Health Impact in an Ecohealth Project
   Peter Berti, Canada
SESSION TITLE: ENVIRONMENTAL AND SOCIO-ECONOMICAL RISK FACTORS
** Oral Presentation
ROOM: Hy7
Chair: CARLOS CORVALAN

365 Approaches to Study the Native Chicken Raising System Related to AI Outbreak in Rural Thailand
Sutini Wattanakul, Thailand

670 Environmental Risk Factors and the Prevalence of Asthma and Tuberculosis in India
Jalandhar Pradhan, India

689 Influence of Environmental and Socio-Cultural Factors on Malaria Burden in South-Western Uganda
Okello-Onen Joseph, Uganda

761 Assessment of social and environmental impacts from the planning of Spontaneous Neighbourhoods’ Settlement in Yaoundé
Tabue Youmbi Jean Ghislain, Cameroon

SESSION TITLE: INTEGRATED APPROACHES
** Oral Presentation (Language: English)
ROOM: Hy8
Chair: IRMA ROSAS

182 Building Capacity: The Contributions and Contestations of EcoHealth Research within the New Public Health
Maya Gislason, United Kingdom

381 The Caribbean EcoHealth Programme (CEHP) Model: Overview, Interests and Opportunities
Martin Forde, Grenada

635 Monitoring and Assessment of an EcoHealth Project Using Outcome Mapping
Martin Bunch, Canada

749 Integrating Health and Environmental Data in Public Health Surveillance: Building a Foundation for Decision Making
Judith Qualters, United States

SESSION TITLE: AGRICULTURE AND MALARIA I
** Oral Presentation (Language: English)
ROOM: Hy9
Chair: HALA ABOUALI

354 Effect of Malaria on Labour Productivity of Food Crop Farmers in Ogun State, Nigeria
Samuel Adewuyi, Nigeria

378 Malaria infection in relation to agro-ecological systems in Mvomero District, Tanzania
Susan Rumisha, Switzerland

426 Impact of development of market gardening on the incidence of mosquitoes and transmission of malaria
Yadouleton Anges, Benin

1128 Malaria transmission risk assessment and control in the mount Cameroon region: environmental and physico-chemical characterization of anopheles breeding sites
MAFO Fomekong Flora, Cameroon
SESSION TITLE: CHILDREN’S HEALTH IN URBAN ENVIRONMENTS OF DEVELOPING AND DEVELOPED COUNTRIES

** Oral Presentation(Language: English)
ROOM: Hy10
Chair: URINDA ALAMO

649 School community-readiness for kitchen garden programs
Mardie Townsend, Australia

217 Water, sanitation and the impact on health in a urban ecosystem in Yaounde
Emmanuel Ngnikam, Cameroon

414 Water and Health at the Household Level in Eastern Lima, Peru: An Urban Ecosystem Approach
Henry Juarez, Peru

514 The Children of Mbeubeuss Dumpsite, Senegal: an EcoHealth Assessment
Genevieve Gravel, Canada

1087 Joint spatial modeling of common childhood comorbidities in Malawi
Lawrence Kazembe, Malawi

(IDSP - 58) 904-TQ0 *HEALTH, ENVIRONMENTAL POLLUTION, AND ECONOMIC DEVELOPMENT

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Chair: CATHARINA WESSELING

419 Methylmercury production and food-chain accumulation in the Tapajos river, Amazon
Jean Remy Guimaraes, Brazil

687 Ecosystem contamination from synthetic pesticides use in the Dridji’s ecosystem, Benin
Davo Simplice Vodouhe, Benin

709 Heavy Metal Contamination and Child Health in the Puyango Basin, Ecuador
Oscar Betancourt, Ecuador

1173 Environmental and health effects due to manganese exploitation in Molango Mexico
Yaneth Rodriguez, Mexico

Pesticide risk perception and risk reduction strategies in Talamanca, Costa Rica
Douglas Barraza, Costa Rica

(IDSP - 50) 160-KID *VALUES, ETHICS, AND LAW FOR ECOLOGY AND HEALTH

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ROOM: Fa2
Chair: COLIN SOSKOLNE

577 A Critical Approach to Development, Environment and Quality of Life
Andri Francisco Pilon, Brazil

616 The Role of Ideology on Professional Paradigms and Critical Ethical Thinking Skills in Public Health
Giselle Corincigh, United Kingdom

636 The Most Terrifying Video You’ll Ever See
Colin Soskolne, Canada

1004 Ethical Approach to Health and Environmental Research in Africa: The case of Benin
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1085 The Ethical Crisis of Global Climate Change & Health
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1088 Taking sides: Challenges to Professional Ethics in a Changing Global Context
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SESSION TITLE: ENVIRONMENTAL AND SOCIAL DYNAMICS AFFECTING MALARIA AND OTHER VECTOR BORNE DISEASES
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189  A Multi-agent Simulation To Assess The Risk Of Malaria Re-emergence In Southern France
Catherine Linard, Belgium

707  Space-time Dynamic of Incidence of Malaria in Localities of the Basin of Purus Rivers, Brazil
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943  Environmental dynamic and malaria at Roraima State, Brazil
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1103  Species - Age Composition Of Indoor Biting Mosquitoes (Diptera: Culicidae) In Abeokuta City, Southwest Nigeria
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** Oral Presentation(Language: English)
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Chair: ARLyne BEECHE

229  The Infection Risk to Tick-Borne Zoonoses in Relation to Land Use in Rural Areas
Jack Teng, Canada

218  Understanding the relationships between social-environmental dynamics and vector-borne disease transmission in rural Amazonia
Daniel Buss, Brazil

326  Managing multiple pathogens — a case study of Lyme disease and anaplasmosis
Felicia Keesing, United States

328  Lyme disease ecology in a changing landscape, impacts of an introduced forest pathogen
Andrea Swei, United States

705  LUCC and the (Re) Emergence of Infectious Diseases in Tri-national South-western Amazonia: an EcoHealth Challenge
Manuel Cesario, Brazil

729  A Fragmentação Florestal e a Leishmaniose na região do Pontal do Paranapanema, Brazil: aspectos ecoepidemiológicos
Marcello Schiavo Nardi, Brazil

(IDSP - 87) 432-WGJ *CAPACITY-BUILDING LINKING OCCUPATIONAL AND ENVIRONMENTAL HEALTH: CASE STUDIES FROM AN INTERNATIONAL ECOHEALTH PROGRAM IN ECUADOR
Poster-aided Interactive Sessions(Language: English)
ROOM: Fa5
Chair: ANNALEE YASSI

1108  Reducing Occupational and Environmental Hazards in Artisanal Gold Mining Community of Portovelo Part1: Community Perceptions
Leonor Rivera, Ecuador

1110  Artisanal Gold Mining Community Part2: Patterns of exposure and relevant health problems
Nadine Straka

1112  Part 3: Air mercury concentration in Artisanal Gold Mining process and environmental pollution
Victor Hugo Gonzalez, Ecuador

1113  Estudio: Producción de tejas y ladrillos, su relación con la salud de los artesanos.
Ecuador
Lorena Mosquera, Ecuador
1127 Mercury, Cyanide and Environmental Pollution in Artisanal Small Scale Gold Mining: An Ecuadorian Management Framework
Patricio Velasquez, Canada

Anzade Yassi, Canada

1134 Ecosystem Approach to Health Concerns in Salinas de Guaranda, Ecuador: Part 2
Wastewater Management
Juan Gaibor, Ecuador

**THE MANY FACES OF THE AVIAN INFLUENZA EPIZOOTIC**
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Chair: AMIN SOEBANDARIO

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Edi Basumo, Indonesia

538 Characteristics and Dynamics of Backyard Poultry Raising System in Five Asian Countries
Kreingkrai Choprakam, Thailand

540 Pandemic Influenza Preparedness: Policy Analysis
Chantana Padungtod, Thailand

876 Research for Action - ILRI’s work on Avian Influenza in Africa and Asia
Della Grace, Kenya

1022 Forming of Regional Network for Surveillance and Monitoring of Avian Influenza in Migratory Birds
Parntep Ratanakorn, Thailand

1027 Egyptian summary profile of HPAI national Control programs
Zahra Ahmed, Egypt

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Cecilia Garcia Sancho, Mexico

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Luís Camilo Blanco Becerra, Colombia

484 Indoor Air quality in Schools in India
Ayay Taneja, India

489 Cleaner air for public health in Hochiminh city, Vietnam
Trinh Tu Anh, Vietnam

807 Association between air pollution from biomass burning and respiratory diseases in children, Amazon region
Cleber Carmo, Brazil

976 Urban Air Pollution and Human Health: An EcoHealth Pilot Project in Guayaquil, Ecuador
Diana Castillos, Ecuador

1026 Engineered Nanoparticles; Potential Toxicity on the Cardio-pulmonary System
Gi Soo Kang, United States

12:30 – 14:00 LUNCH and Poster Expo with authors present

Themes:
Agricultural transformations, biodiversity, and human health
Building Capacity for Integrated Methods on EcoHealth
EcoHealth: Healthy Environments, Healthy People

Disease Emergence and Re-emergence
EcoHealth in the Urban Environment
Governance for EcoHealth
Policies, Values and Ethical and cultural Dimensions of health and Environmental Rights.

14:00 – 16:00 Parallel Sessions 8

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Marcelo Korc, Colombia

743 Environmental Sustainability and Health Indicators in the Legal Amazonia, Brazil
Carlos Freitas, Brazil

945 Intestinal Parasitosis Ecosystemic Study over Scholars from a Jalisco State Community, 2008
Eduardo Flores, Mexico

1019 New tools for the Management of Information in Environmental Health in Brazil
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(IDSP - 59) 496-0VN *AFRICAN PANEL: CHALLENGES FOR THE CONTINENT IN RELATION TO HEALTH AND ENVIRONMENT

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Chair: YVELINE HOUNEOU-AGBO

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Yveline Houene-Agbo, Côte d’Ivoire

726 Évaluation environnementale comme outils de prise en compte des impacts sanitaires
Karim Samoura, Canada

784 Controversies around Pro-poor policies: South Africa’s Free basic Water Program
Gregory Ruiters, South Africa

839 La recherche et les politiques dans la lutte contre les défis issus des liens environnement – santé et de leurs déterminants en Afrique de l’Ouest et du Centre
Gilles Forget, Senegal

1042 First Inter-Ministerial Conference on Health and Environment in Africa Libreville, August 2008
Lucien Manga, Democratic Republic of the Congo

1188 Greening the Growth Strategy for Poverty Reduction: approaches and essential lessons.
The experience of Benin
Georges Lannafankpotin, Benin

(IDSP - 41) 514-LLK *WATER SCARCITY, WATER QUALITY AND HEALTH PROBLEMS

Oral Presentation (Simultaneous interpreting: F/E)

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Chair: ELINE BOELEE

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Laamari Abdelali, Morocco

187 Difficulties of implementing community follow up of under fives in a shanty town, Yaounde Cameroon
Elise Virginie Owono Longang, Cameroon

727 An Ecosystem Approach to Health in a Disadvantaged Community in North Lebanon
Rima Habib, Lebanon
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** Oral Presentation (Language: English)
ROOM: Hy7
Chair: GERY EIJKEMANS

434 Promoción de la Salud Ambiental. Acercamiento de dos Campos
Urinda Alamo, Hernandez, Mexico

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Jayachandran Palsamy, India

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Delia Grace, Kenya

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612 Ecosystemic Approach in Salto City (Uruguay) Tending to the Prevention and Control of Aedes aegypti
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1083 Ecological relationships between the hydrologic cycle and population health in Brazilian Amazon
Marco Antonio Ratzsch de Andreazzi, Brazil

1123 Bioethics of Leishmaniasis a Neglected Tropical Disease
Fernando Andrade-Narvaez, Mexico

1138 A Decision Analytic Approach to Assessing Policy Tradeoffs in Malaria Control in Tanzania
Randall Kramer, United States

(IDSP - 73) 479-ECN *Biodiversity and Emerging Diseases: Research, Policy, and Implementation
** Oral Presentation (Language: English)
ROOM Fa1
Chair: MONTIRA PONGSIRI

1167 Examining the Links Between Biodiversity and Human Disease: the U.S. EPA’s Interdisciplinary Research Initiative
Montira Pongsiri, U.S.A.

1168 Biodiversity Loss and a Modern Epidemiological Transition
Joe Roman, United States
1179 Towards the harmonisation of policies for biodiversity and disease prevention
Conor Kennish, Ireland
Antropogenic disturbance biodiversity loss and hantavirus emergence
James Mills, U.S.A.
1220 Hosts as ecological traps for zoonotic vectors
Felicia Keesing, United States

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Monica Andrade-Morraye, Brazil
1142 Taenia solium Taeniasis/cysticercosis in southern Mexico: 1999-2005
Rossanna Rodriguez-Canul, Mexico

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184 Fine scale variation in West Nile virus transmission dynamics across an urban landscape
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195 Landscape, demographic, entomological, and climatic associations with human incidence of West Nile virus in the state of Iowa, USA
Ramanathan Sugumaran, United States
840 Environmental Factors Affecting Spatial Clustering of West Nile Virus in South Dakota from 2002-2007
Christine Wey, United States

(IDSP - 88) 077-DUZ *VECTOR-BORNE AND OTHER INFECTIOUS DISEASES: CASE STUDIES FROM AN INTERNATIONAL ECOHEALTH PROGRAM IN ECUADOR
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1094 Control del Vector del Dengue con Enfoque Ecosistémico. Parte-1. Aplicación y Evaluación del Programa Escolar
Efrain Beltran, Ecuador
1097 Control del Vector Dengue con Enfoque Ecosistémico Parte 2: Participación Comunitaria. Barrio Patuío, Machala Ecuador
Elena Orrego
1098 Control del Vector del Dengue con Enfoque Ecosistémico Parte-3 Comparación de Exposición a Insecticidas
Carmen Silverio, Elena Orrego
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Ellen Sweeney, Canada

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Patricia Polo, United States

647 Building New Research Environments based on Social Justice, Indigenous Rights, Aboriginal Research Ethics and Traditional Knowledge
Eduardo Jovel, Canada

884 “Culturing Risk”: Exploring Indigenous Understandings Of Environmental Health Threats In An Aboriginal Community In Canada
Christianne Stephens, Canada

1145 Sanitary Intervention to Reduce The Parasitic Intestinal Infantile Load, An Ecosystem Health Approach
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963 Catastrophe environnementale de Mercier : 40 ans de pollution de l’eau, de l’air, des écosystèmes et des relations citoyens et pouvoirs publics
Simon Beaudoin, Canada

1095 Estudio De Caso Para El Establecimiento De Normativa Ambiental Para La Producción Porcina
Leslie Porro, Dominican Republic

16:00 - 16:30 COFFEE BREAK

16:30 – 18:30 Synthesis Plenary
  • Introduction
  • Synthesis Panel
  • Discussion amongst panelists and representatives from IAEH, IDRC, INSIP and PAHO
  • Discussion with the audience.
  • Wrap up by chair What is the way forward?

18:30 – 19:00 BREAK/MEETINGS

19:00 – 19:30 Transportation to Gala Dinner Site
19:30 – 02:00 Gala Dinner

- Guest arrive and welcome.
- "Ticopó" Children Chorus
- Dinner Time
- Message of scholars from Africa
- Message of IDRC
- Message of Local Committee
- Awards and Recognitions: 7 Journalists
- Announcement of the Next Host: IEF 2010
- Official closing INSP and SC
- Folkloric Ballet
- Live entertainment

**DAY 4 | FRI, DEC 5**

Final Day of the Forum

**7:30** All Day Site-Visits:

Celestún. Celestún is a quaint, picturesque fishing village. Celestún is famous not only for its rich history in fishing, but also for its river or "ria", beautiful flamingo colonies, fresh water springs, salt fields and pristine beaches. On July 19th, 1979, the Federal Government decreed the Celestún Wildlife Refuge. Because of its importance as the main feeding area for the American Flamingo and countless species of waterfowl and shorebirds, its status was upgraded to that of a Special Biosphere Reserve in 1989. The Special Biosphere Reserves are representative zones of one or more ecosystems that have not been altered by humankind. These areas are the habitat to endemic, and/or species threatened by extinction.

San Felipe. San Felipe is located 11 kilometers west of Rio Lagartos, at the entrance of the Ría Lagartos estuary, famous for its pink flamingo populations. San Felipe offers many services for ecotourism and adventure, such as lodging, excursions by boat into the estuary to observe birds, as well as beaches. The opportunity to be in direct contact with nature and contribute to the sustainability and conservation of San Felipe is what always make the visit to San Felipe a pleasant experience.

**Workshops**

8:00 - 16:00 “Geomatics applied to water and health”
Ph D Emmanuelle Quentin. México
Resources Center IDRISI. Mexico State Autonomous University
Room : Hy4

**SPECIAL MEETINGS**

9:00 – 12:30 Global COPEHs Meeting. Zsofia Orosz, Andrés Sánchez
By invitation only
Room : Hy7

9:30 – 18:00 Scientific Steering Committee Meeting: ESSP Joint Project on Global Environmental Change and Human Health
Martin Rice. By invitation only
Room: Hy6
DAY 5 | SAT, DEC 6

Post - Forum

SPECIAL MEETINGS

9:00 – 12:30  COPEH-TLAC Meeting. David Hernandez
              By invitation only
              Out of the Forum Venue Hotels.

9:00 – 14:00  Scientific Steering Committee Meeting: ESSP Joint Project on Global
              Environmental Change and Human Health
              Martin Rice. By invitation only
              Room: Hy6
# Poster Expo

**DAY ONE**

**THEME: Climate Change and EcoHealth**

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