

Information
Sciences
Archival Copy
3-N-84-7410

INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

Centre de Recherches pour le Développement International

MEMORANDUM/NOTE DE SERVICE

TO A F. Brian Davy

DATE 6 April 1984

FROM DE Zosia Szpakowska

SUBJECT OBJET Integrated Agriculture-Aquaculture

We searched ASFA, CAB, AQUACULTURE and FAO databases for references on this subject and found that the AQUACULTURE database was the most useful. We also looked through the library's collection, but it merely duplicated many of the titles already on your list. I searched the AIBA Fisheries Bibliography manually and came up with 25 references. In all, we came up with 49 references to add to your list.

To prepare this list, I simply followed the numbering used on your list as well as the style used in compiling your list.

I trust this list will prove useful to you and to Dr. Damkheong.

*Report
Zosia*

ZS/
cc H. Powles

IDRC-doc- 454

ARCHIV
SZPAKO
no. 3

SELECTED BIBLIOGRAPHY OF INTEGRATED FISH CULTURE

- 28) Science of the culture of freshwater fish species in China. Ottawa, IDRC, 1981. 17 fiches. (IDRC-TS16e).
- 29) The integration of aquaculture with agriculture, by D.H. Buck. (*Fisheries*, v. 2, no. 6, 1977, p. 11-16).
- 30) Integrated agro-fisheries activities in Nepal, by M.B. Pantha. (*ICLARM Conference Proceedings*, no. 8, 1982, p. 189).
- 31) Outline research programmes for the regional aquaculture lead centres in Asia. Part 3. Programme of research at the regional lead centre for integrated fish culture, Wuxi, the People's Republic of China. Rome, FAO/UNDP, 1981. 19 p. (FAO ADCP/REP/81/15).
- 32) Nepal. Integrated fishery and fish culture development: Bhairawa fishery development centre. A report prepared for the integrated fishery and fish culture development project, by P. Aguru. Rome, FAO, 1980. 10 p. (FAO FI-DP/NEP/73/025-FIELD-DOC-9).
- 33) Note on the integration of fish culture into agricultural activities: The Chinese example = Note sur l'integration de la pisciculture dans les activités agricoles: L'exemple de la Chine, by G. Balvay. (*Bull. Fr. Piscic.*, no. 278, 1980, p. 46-47).
- 34) Integration of the husbandry of farm animals and fish with particular reference to pig raising in tropical areas, by C.G. Nugent. Paper presented at Fishfarming and Wastes: An International Conference sponsored by the Institute of Fisheries Management and Society of Chemical Industry, University College, London, 4 and 5 January 1978. 14p.
- 35) Report of the fifth Session of the Indo-Pacific Fishery Commission Working Party on Aquaculture and Environment, Jakarta, Indonesia, 22-26 January 1980 (A review paper on integrated agriculture-aquaculture farming systems; case studies in Indonesia, Thailand, Nepal and India). (FAO *Fisheries Reports*, no. 241, 1980. 16p.).

- 36) Report of the International Workshop on Integrated Live-stock/fish/crop/forestry production systems for small farmers and fishermen, Chiang Mai, Thailand, 9-14 April 1980. Vol. I: Discussions and recommendations. Bangkok, Department of Livestock Development, 1980. 44p.
- 37) Rice terraces and fish: Integrated farming in the Philippines, by A. Bocek. (*ICLARM Newsletter*, v. 5, no. 3, 1982, p. 24).
- 38) Integrated fish farming in China, by P. Edwards. (*ICLARM Newsletter*, v. 5, no. 3, 1982, p. 16-17).
- 39) Experimental integrated farming systems in Mexico, by R. Pullin. (*ICLARM Newsletter*, v. 5, no. 3, 1982, p. 11).
- 40) Integrated fish farming in West Java - social and economic considerations, by U.W. Schmidt. (*ICLARM Newsletter*, v. 5, no. 3, 1982, p. 5-6).
- 41) Integrated fish farming in Thailand, by P. Edwards and K. Kaewpaitoon. (*ICLARM Newsletter*, v. 5, no. 3, 1982, p. 3-4).
- 42) Fish farming handbook - Integrated farming, by J.C. Madamba. (*Fish Farming Handbook*, SEAFDEC, 1980, p. 270-290).
- 43) Integrated farming with fish as the major enterprise, by P.B. Bueno. (*Asian Aquaculture*, v. 3, no. 2, 1980, p. 6-7).
- 44) Economic analysis of single-commodity and integrated farming in Taiwan, by P.B. Bueno. (*Asian Aquaculture*, v. 3, no. 2, 1980, p. 4-5).
- 45) Integrated crop-livestock-fish farming in Malaysia, by P.B. Bueno. (*Asian Aquaculture*, v. 2, no. 12, 1979, p. 3-5).
- 46) Integrated crop-livestock-fish farming in the Philippines, by P.B. Bueno. (*Asian Aquaculture*, v. 3, no. 1, 1980, p. 4-7).
- 47) Integrated fish farming in Thailand, by S. Janesirisak. (*Asian Aquaculture*, v. 2, no. 11, 1979, p. 3).
- 48) Economic analysis of integrated pig-fish farming operations in the Philippines, by R.C. Sevilleja. (*Aquaculture Economics Research in Asia*, Ottawa, IDRC, IDRC-193e, 1982, p. 75-81).
- 49) Integrated agriculture/aquaculture systems, by L.L. Behrends, et al. (*American Society of Agricultural Engineering*, no. 82-5031, 1982, 14p.).

- 50) Traditional integrated farming systems and rural development: The example of ricefield fisheries in Southeast Asia, by K. Ruddle. (*Agricultural Administration*, v. 10, no. 1, 1982, p. 1-12).
- 51) Waste not, want not -- An integrated approach to development, by D.B. Thomsen. (*International Agricultural Development*, v. 1, no. 8, 1981, p. 28-29).
- 52) Integrated crop-livestock-fish farming, by M.H. Tetangco. Taipei, Food and Fertilizer Technology Centre, 1980. 147p. (Book Series, no. 16).
- 53) A glimpse at the prospects of crop-livestock-fish integrated farming system in India, by D.P. Pandey, et al. (Symposium on coastal aquaculture, Cochin, India, 12th - 18th January 1980. Cochin, Marine Biological Association of India, 1980. 116p.)
- 54) Imperatives for an integrated crop-livestock-fish farming system, by J.C. Madamba. (*Extension Bulletin (Papua New Guinea)*, no. 130, 1979, 7 p.)
- 55) Fishing and aquaculture: Making the best use of the natural environment and integrating fish farming into the rural economy. (*Afrique Agriculture*, v. 37, 1978, p. 53-61).
- 56) Small-scale fish/crop/livestock home industry integration: A preliminary study in West Java, by R. Djajadiredja and Z. Jangkaru. (*Indonesian Agricultural Research and Development Journal*, v. 1, no. 3-4, 1979, 4p.)
- 57) Sarawak Malaysia inland fisheries and aquaculture development programme on integrated crop-livestock-fish farming, by O.K. Bian. Paper presented at the Symposium-Workshop on Agribusiness Systems for Integrated Crop-Livestock-Fish Farming, Los Banos, Laguna, Philippines, 19-24 November 1979. 4p.
- 58) An over-view of agro-fish farming in Central Luzon, by R.G. Arce. Laguna, PCARRD.
- 59) Development of fish-paddy facility for rotational rice and fish cropping, by C.R. Cruz and E.A. Lopez. (*Progress Report of the Freshwater Aquaculture Center (Philippines)*, v. 13, 1978, p. 18-28).
- 60) Integrated fish farming methods in freshwater, Nepal, by S.B. Shrestha and H.N. Manandhar. (In Nepali) (*Krishi (Nepal)*, v. 16, no. 6, 1979, p. 82-85).

- 61) Integrated fish farming with swine and chicken farming and vegetable growing in Pathum Thani province in Thailand, by Suchit Phinyouyoung and Sa-at Sungsomboon. (In Thai) (*Thai Fisheries Gazette (Thailand)*, v. 32, no. 4, 1979, p. 323-329).
- 62) Aquaculture as a supplement to crop production in land development schemes in Malaysia, by Nasaruddin Arshad and Mohd Sheffie Abu Bakar. Paper presented at Natural Resource Management in Developing Countries, Serdang, Selangor, 21-23 June 1979, 28p.
- 63) Inland fish production in the IRAD integrated rural and agriculture development program area in Quezon, Philippines, by C.A. Cuenca Jr. (*Production Systems Development Projects: Reports, 1979*, p. 153-159).
- 64) Fish-livestock integration according to Ernesto V. Jamandre at Iloilo, Philippines, by B.A. Quimpo. (*Farming Today (Philippines)*, v. 5, no. 11, 1979, p. 15, 18-19).
- 65) Pisciculture in wet rice field, by S. Soeseno. (In Indonesian) (*Trubus (Indonesia)*, v. 10, no. 116, 1979, p. 237-238).
- 66) Design/layout considerations in a freshwater rice-fish culture farm in the Philippines, by R.G. Arce and C.R. dela Cruz. Paper contributed to the Joint SCSP/SEAFDEC Workshop on Aquaculture Engineering (with Emphasis on Small-Scale Aquaculture Projects), Tigbauan, Iloilo, Philippines, 27 November - 3 December 1977, V. 2: Technical Report. p. 335-346. (SCS/GEN/77/15).
- 67) Rice field carp culture, by Ardiwinata. (In Indonesian) (*Pemeliharaan Ikan (Indonesia)*, no. 5, 1972, 116p.)
- 68) Layout construction modification of rice fields used for fish culture in Indonesia: Carps, other freshwater fish, by K.S. Oetomo. Paper contributed to the Joint SCSP/SEAFDEC Workshop on Aquaculture Engineering (with Emphasis on Small-Scale Aquaculture Projects), Tigbauan, Iloilo, Philippines, 27 November - 3 December 1977, V. 2: Technical Report. p. 325-344. (SCS/GEN/77/15).
- 69) Integrated piggery and milkfish culture - Some problems and constraints in the Philippines, by E.V. Jamandre. Paper contributed to the Joint SCSP/SEAFDEC Workshop on Aquaculture Engineering (with Emphasis on Small-Scale Aquaculture Projects), Tigbauan, Iloilo, Philippines, 27 November - 3 December 1977, V. 2: Technical Report. p. 295-305. (SCS/GEN/77/15).

- 70) Raising more fish tilapia in rice paddies in the Philippines. (*Animal Husbandry and Agricultural Journal (Philippines)*, v. 14, no. 8, 1979, p. 22).
- 71) Some tips on establishing a rice-fish tilapia and common carp culture farm in the Philippines. (*Modern Agriculture and Industry - Asia (Philippines)*, v. 7, no. 12, 1979, p. 42).
- 72) A new hope for farmers: Rice-fish tilapia and common carp culture in the Philippines. (*Modern Agriculture and Industry - Asia (Philippines)*, v. 7, no. 12, 1979, p. 40).
- 73) Improved rice-fish tilapia and common carp culture in the Philippines, by R.G. Arce and C.R. dela Cruz. (*Philippine Agricultural Engineering (Philippines)*, v. 9, no. 4, 1976, p. 8-9, 14-15).
- 74) Fingerling production of *Tilapia nilotica* in rice-fish system, by E.M. Cruz, R.G. Arce and E.A. Lopez. (*Progress Report of the Freshwater Aquaculture Center (Philippines)*, v. 13, 1978, p. 10-16).
- 75) The effect of trench design and stocking density on the culture of male *Tilapia mossambica* freshwater fish in rice paddies in the Philippines, by R.G. Arce. (*CLSU Scientific Journal (Philippines)*, v. 12, no. 2, 1976, p. 101-104).
- 76) *Nostoc commune* Vauch as potential fertilizer in rice fish *Tilapia mossambica* culture: A preliminary study conducted at UPLB and Southeast Asian Fisheries Development Center, Binangonan, Rizal, Philippines, by M.R. Martinez, C.L. Evangelista and J.B. Pantastico. (*Philippine Journal of Crop Science (Philippines)*, v. 2, no. 4, 1977, p. 252-255).