#### Articles List 2 - 2008

1. Diagnostic analysis of spatial and temporal variations in crop water productivity: A field scale analysis of the rice-wheat cropping system of Punjab, Pakistan.

Ahmad MD, Masih I, Turra H.

Journal of Applied Irrigation Science 2004, **39(1):** 43-63.

2. The challenge of improved natural resource management practices adoption in African agriculture: A social science perspective.

Barrett CB, Place F, Aboud A, Douglas BR

In: Understanding Adoption Processes for Natural Resource Management Practices for Sustainable Agricultural Production in Sub-Saharan Africa; Nairobi, Kenya, July 3-5, 2000. 1-40.

3. Valuing Africa's inland fisheries: overview of current methodologies with an emphasis on livelihood analysis.

Bene C, Neiland AĚ

NAGA WorldFish Center Quarterly 2003, **26(3):** 18-21.

4. Examining adaptation and mitigation opportunities in the context of the integrated watershed management programme of the Government of India.

Bhandari P, Bhadwal S, Kelkar U

Mitigation and Adaptation Strategies for Global Change 2007, 12: 919-933.

5. Analysing the effects of soil properties changes associated with land use changes on the simulated water balance: A comparison of three hydrological catchment models for scenario analysis.

Bormann H, Breuer L, Graff T, Huisman JA.

Ecological Modelling 2007, 1-12.

6. The contribution of soil and water conservation to sustainable livelihoods in semi-arid areas of sub-Saharan Africa.

Boyd C, Turton C, Hatibu n, Mahoo HF, Lazaro E, Rwehumbiza FB *et al.* Paper No 102, 1-20. 2000. AGREEN, ODI.

7. Human impact on the hydrology of the Andean páramos.

Buytaert W, Celleri R, De Bievre B, Cisneros F, Wyseure G, Deckers J et al. Earth-Science Reviews 2006, **79(1-2):** 59-72.

8. Implementation of holistic water resources-economic optimization models for river basin management - Reflective experiences.

Cai X: Environmental Modelling & Software 2007, 23(1): 2-18.

9. The impact of land use change on water resources in sub-Saharan Africa: a modelling study of Lake Malawi.

Calder IR, Hall RL, Bastable HG, Gunston HM, Shela O, Chirwa A *et al. Journal of Hydrology* 2007, **170 (1):** 123-135.

10. Improving Agricultural Water Use Efficiency in Arid and Semiarid Areas of China.

Deng X-P, Shan L, Zhang H, Turner NC

In: Proceedings of the 4th International Crop Science Congress, 26 Sep - 1 Oct 2004, Brisbane, Australia: 1-14.

11. Linking land and water governance

IFAD.

1-4. 2006. International Fund for Agricultural Development (IFAD).

### 12. The Global Water Challenge.

Kemper K, Sadoff C.

1-15, 2006. World Bank, World Bank Global Issues Seminar Series.

# 13. Global Warming and the Hydrologic Cycle: How are the Occurrence of Floods, Droughts, and Storms Likely to Change?

Legates DR. 1-40. 2007. The George Marshall Institute Washington, D.C.

# 14. Linkages between land management activities and water quality in an intensively farmed catchment in southern New Zealand.

Monaghan RM, Wilcock RJ, Smith LC, Tikkisetty B, Thorrold BS, Costall D *Agriculture, Ecosystems & Environment* 2007, **118**: 211-222.

### 15. The importance of social learning and culture for sustainable water management.

Pahl-Wostl C, Tabara D, Bouwen R, Craps M, Dewulf A, Mostert E et al.

Ecological Economics 2007, In Press, Corrected Proof.

### 16. Measuring pro-poor growth.

Ravallion M, Chen S

Economics Letters 2003, 78: 93-99.

#### 17. Concepts of decision support for river rehabilitation.

Reichert P, Borsuk M, Hostmann M, Schweizer S, Spörri C, Tockner K et al. Environmental Modelling & Software 2007, **22(2)**: 188-201.

### 18. Knowledge-based assessment of watershed condition.

Reynolds KM, Jensen M, Andreasen J, Goodman I. *Computers and Electronics in Agriculture* 2007, **27(1):** 315-334.

### 19. Land, farming, livelihoods, and poverty: Rethinking the links in the Rural South.

Rigg J

World Development 2006, **34:** 180-202.

# 20. Water for Food and Nature in Drought-Prone Tropics: Vapour Shift in Rain-Fed Agriculture.

Rockstrom J.

Philosophical Transactions: Biological Sciences 2003, 358(1440): 1997-2003.

### 21. Assessing the water challenge of a new green revolution in developing countries.

Rockstrom J, Lannerstad M, Falkenmark M.

PNAS 2007, **104:** 6253-6260.

#### 22. World Water and Food to 2025: Dealing with Scarcity.

Rosegrant MW. Cai X. Cline SA.

International Food Policy Research Institute (IFPRI) and the International Water Management Institute (IWMI); 2002.

### 23. Spatial assessment of conjunctive water harvesting potential in watershed systems.

Sekar I, Randhir T.

Journal of Hydrology 2007, 334(1-2): 39-52.

# 24. Evaluating the impact of policy-induced land use management practices on non-point source pollution using a spatial decision support system.

Sengupta R, Bennett DA, Kraft SE.

Water international 2000, 25(3): 437-445.

# 25. A Physics-Based Function for Modeling Transient Groundwater Discharge At the Watershed Scale.

Sloan WT.

Water Resources Research 2000, **36(1)**: 225-241.

### 26. The Water Poverty Index: Development and application at the community scale.

Sullivan CA, Meigh JR, Giacomello AM.

Natural Resources Forum 2003, 27(3): 187-199.

## 27. Delineating the major landforms of catchments using an objective hydrological terrain analysis method.

Summerell GK, Vaze J, Tuteja NK, Grayson RB, Beale G, Dowling TI.

Water Resources Research 2005, 41: 1-12.

## 28. Effects of landuse change on the hydrologic regime of the Mae Chaem river basin, NW Thailand.

Thanapakpawin P, Richey J, Thomas D, Rodda S, Campbell B, Logsdon M. *Journal of Hydrology* 2007, **334(1-2):** 215-230.

### 29. Challenges of water scarcity: A business case for financial institutions.

UNEP-FI, SIWI.

1-32. 2005. Geneva, Switzerland, UNEP Finance Initiative.

# 30. Integration of multi-scale dynamic spatial models of socio-economic and physical processes for river basin management.

van Delden H, Luja P, Engelen G.

Environmental Modelling & Software 2007, 22(2): 223-238.

### 31. Managing water resources for crop production

Wallace JS, Batchelor CH.

Philos Trans R Soc Lond B Biol Sci 1997, **352(1356)**: 937-947.

# 32. An efficient method for identifying and filling surface depressions in digital elevation models for hydrologic analysis and modeling.

Wang L, Liu H.

International Journal of Geographical Information Science 2006, **20(2)**: 193-213.

### 33. Assessing crop water productivity from field to regional scale.

Wesseling JG, Feddes RA: Agricultural Water Management 2006, 86(1-2): 30-39.

### 34. International Waters: Indicators for Identifying Basins at Risk.

Wolf AT, Yoffe SB, Giordano M.

Water Policy 2003, **5(1):** 29-60.

## 35. Review of measured crop water productivity values for irrigated wheat, rice, cotton and maize.

Zwart SJ, Bastiaanssen WGM.

Agricultural Water Management 2004, 69(2): 115-133.

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