Articles List 1- 2008

1. Spatial assessment of conjunctive water harvesting potential in watershed systems I. Sekar and T.O. Randhir Journal of Hydrology 2007, 334(1-2):39-52

- 2. Integrated Water Resources Management on a Basin Level A Training Manual Jean Burton UNESCO, 2003
- 3. Human modification of global water vapor flows from the land surface Line J. Gordon, Will Steffen‡, Bror F. Jonsson, Carl Folke, Malin Falkenmark, and Ase Johannessen PNAS, 2005, 102 (21)
- 4. Assessing the water challenge of a new green revolution in developing countries Johan Rockstrom, Mats Lannerstad, and Malin Falkenmark¶ PNAS, 2007, 104 (15)
- 5. The impact of water and agriculture policy scenarios on irrigated farming systems in Italy: An analysis based on farm level multi-attribute linear programming models. Bartolini F, Bazzani GM, Gallerani V, Raggi M, Viaggi D Agricultural Systems 2007, 93(1-3): 90-114.
- 6. A conceptual framework for the improvement of crop water productivity at different spatial scales. Bouman BAM Agricultural Systems 2007, 93(1-3): 43-60.
- 7. CLIMATE CHANGE: Threats to Water Supplies in the Tropical Andes. Bradley RS, Vuille M, Diaz HF, Vergara W Science 2006, **312**: 1755-1756.
- 8. Integrated hydrologic-agronomic-economic model for river basin management. Cai X, Asce M, McKinney DC, Asce AM, Lasdon LS Journal of Water Resources Planning and Management 2003, 129(1): 4-7.
- 9. Physical and economic efficiency of water use in the river basin: Implications for efficient water management.

Cai X, Rosegrant MW, Ringler C Water Resources Research 2003, 39(1): 1-9.

10. Changes in Surface Water Supply Across Africa with Predicted Climate Change. de Wit M. Stankiewicz J

Science 2006, **311**: 1917-1921.

11. Fisheries and Water productivity in tropical river basins: enhancing food security and livelihoods by managing water for fish.

Dugan PJ, Dey MM, Sugunan VV Agricultural Water Productivity 2006, 80: 262-275.

12. World food trends and prospects to 2025.

Dyson T.

PNAS 1999, 96: 5929-5936.

- 13. Effects of afforestation on water yield: a global synthesis with implications for policy Farley KA, Jackson RB, Jobbagy EG Global Change Biology 2005, 11(10): 1565-1576.
- 14. Human modification of global water vapor flows from the land surface. Gordon LJ, Steffen W, Jonsson BF, Folke C, Falkenmark M, Johannessen A. PNAS 2005, **102:** 7612-7617.

15. Climate change and food security.

Gregory PJ, Ingram JSI, Brklacich M. *Phil Trans R Soc B* 2005, **360:** 2139-2148.

16. Measuring and enhancing the value of agricultural water in irrigated river basins.

Hussain I, Turral H, Molden D, Ahmad M-U-D *Irrigation Science* 2007, **25(3):** 263-282.

17. Water in a changing world.

Jackson RB, Carpenter SR, Dahm CN, McKnight DM, Naiman RJ, Postel SL et al. Ecological Applications 2001, **11(4)**: 1027-1045.

18. Planning Models for Sustainable Water Resource Development.

Jaffe M, Al-Jayyousi O

Journal of Environmental Planning and Management 2002, **45(3)**: 309-322.

19. Water productivity: science and practice—introduction.

Kassam A, Molden D, Fereres E, Doorenbos J. *Irrigation Science, Volume 25, Number 3, March 2007*, pp 185-188(4) 2007, **25(3)**: 185-188.

20. Impact of regional climate change on water availability in the Volta basin of West Africa. Kunstmann H, Jung G,

In: Regional Hydrological Impacts of Climatic Variability and Change, (Proceedings of symposium S6 held during the Seventh IAHS Scientific Assembly at Foz do Iguaçu, Brazil, April 2005); 1-11.

21. The role of satellite remote sensing in the Prediction of Ungauged Basins.

Lakshmi V.

Hydrological Processes 2004, 18: 1099-1034.

22. An integrated modelling toolbox for water resources assessment and management in highland catchments: Model description.

Letcher RA, Croke BFW, Jakeman AJ, Merritt WS Agricultural Systems 2006, **89(1)**: 106-131.

23. An integrated modelling toolbox for water resources assessment and management in highland catchments: Sensitivity analysis and testing.

Letcher RA, Croke BFW, Merritt WS, Jakeman AJ Agricultural Systems 2006, **89(1)**: 132-164.

24. A role for GIS - based simulation for empowering local stakeholders in water resources negotiations in developing countries: Case studies for two rural hillside watersheds in Honduras and Colombia.

Luijten JC, Knapp EB, Sanz SI, Jones JW *Water Policy* 2003, **5:** 213-236.

25. 'More crop per drop': how to make it acceptable for farmers?

Luquet D, Vidal A, Smith M, Dauzat J Agricultural Water Management Volume 2007, **76(2)**: 108-119.

26. Can Payments for Environmental Services Help Reduce Poverty? An Exploration of the Issues and the Evidence to Date from Latin America.

Pagiola S, Arcenas A, Platais G. World Development 2005, **33(2):** 237-253.

27. Creating wealth from groundwater for dollar-a-day farmers: Where the silent revolution and the four revolutions to end rural poverty meet.

Polak P, Yoder R.

Hydrogeology Journal 2006, 14: 424-432

28. Evaluating water policy scenarios against the priorities of the rural poor

R.A. Hope. World Development, Volume 34, Issue 1, January 2006, Pages 167-179

29. Water harvesting options in the drylands at different spatial scales

Akhtar Ali, Theib Oweis, Mohammad Rashid, Sobhi El-Naggar and Atef Abdul Aal Land Use and Water Resources Research **7** (2007) 1–13

30. Dry spell analysis and maize yields for two semi-arid locations in east Africa

Jennie Barron, Johan Rockström, Francis Gichuki, Nuhu Hatibu Agricultural and Forest Meteorology 117 (2003) 23–37

31. Dry spell mitigation to upgrade semi-arid rainfed agriculture: Water harvesting and soil nutrient management for smallholder maize cultivation in Machakos, Kenya

Jennie Barron

Doctoral thesis in Natural Resource Management. Stockholm University, 2004

32. Watershed development: a solution to water shortages in semi-arid India or part of the problem?

C.H. Batchelor, Water Resources Management Ltd. UK, M.S. Rama Mohan Rao Land Use and Water Resources Research 3 (2003) 1-10

33. Water uses and productivity of irrigation systems

J. Clemmens, D. J. Molden Irrig Sci (2007) 25:247–261

34. Livelihood rights perspective on water reform: Reflections on rural Zimbabwe

Bill Derman, Anne Hellum Land Use Policy 24 (2007) 664–673

35. On integration of policies for climate and global change

Hadi Dowlatabadi

Mitig Adapt Strat Glob Change (2007) 12:651–663

36. Investing in sustainable catchments

Mark Everard

Science of the Total Environment 324 (2004) 1–24

37. Water cycle and people: water for feeding humanity

Malin Falkenmark

Land Use and Water Resources Research 3 (2003) 3.1-3.4

38. Can poor consumers pay for energy and water? An affordability analysis for transition countries

Samuel Fankhauser and Sladjana Tepic Working paper No. 92 EBRD, 2005

39. Better forestry, less poverty: A practitioner's guide

FAO

Forestry Paper 149, 2006

40. Poverty, livelihoods and poverty reduction

FAO, 2006

41. Participatory Integrated Watershed Management: Evolution of Concepts and Methods

Laura German, Hussein Mansoor, Getachew Alemu, Waga Mazengia, Tilahun Amede and Anne Stroud

2006 African Highlands Initiative (AHI) • Working Papers # 11

42. Watershed Management to Counter Farming Systems Decline: Toward a Demand-Driven, Systems-Oriented Research Agenda

Laura A. German, Berhane Kidane and Kindu Mekonnen 2006 African Highlands Initiative (AHI) • Working Papers # 16

43. Enabling Equitable Collective Action & Policy Change for Poverty Reduction and Improved Natural Resource Management in Ethiopia and Uganda

Laura German, Waga Mazengia, Shenkut Ayele, Wilberforce Tirwomwe, Joseph Tanui, Hailemichael Taye, Leulseged Begashaw, Simon Nyangas, Awadh Chemangeni, William Cheptegei, Mesfin Tsegaye, Zenebe Admassu, Francis Alinyo, Ashenafi Mekonnen, Kassahun Aberra, Tessema Tolera, Zewdie Jotte and Kiflu Bedane African Highlands Initiative (AHI) 2007• Working Papers # 25

44. Integrated strategies to reduce vulnerability and advance adaptation, mitigation, and sustainable development

Indur M. Goklany Mitig Adapt Strat Glob Change (2007) 12:755–786

45. How "Water for All!" policy became hegemonic: The power of the World Bank and its transnational policy networks

Michael Goldman Geoforum 38 (2007) 786–800

46. Food security for sub-Saharan Africa: does water scarcity limit the options?

John Gowing

Land Use and Water Resources Research 3 (2003) 2.1-2.7

47. Capacity building in water demand management as a key component for attaining millennium development goals

Bekithemba Gumbo, Laura Forster, Jaap Arntzen Physics and Chemistry of the Earth 30 (2005) 984–992

48. Delivering pro-poor water and sanitation services: The technical and political challenges in Malawi and Zambia

Eric Gutierrez Geoforum 38 (2007) 886–900

49. Profitability and the poor: Corporate strategies, innovation and sustainability

David Hall, Emanuele Lobina Geoforum 38 (2007) 772–785

50. Development based climate change adaptation and mitigation—conceptual issues and lessons learned in studies in developing countries

Kirsten Halsnæs, Jan Verhagen Mitig Adapt Strat Glob Change (2007) 12:665–684

51. The water footprints of Morocco and the Netherlands: Global water use as a result of domestic consumption of agricultural commodities

Arjen Y. Hoekstra, Ashok K. Chapagain Ecological Economics, 2007

52. Evaluating Water Policy Scenarios Against the Priorities of the Rural Poor

R. A. Hope

World Development Vol. 34, No. 1, pp. 167-179, 2006

53. A systematic and quantitative approach to improve water use efficiency in agriculture

Theodore C. Hsiao Pasquale Steduto Elias Fereres Irrig Sci (2007) 25:209–231

54. Poverty-reducing impacts of irrigation: evidence and lessons

Intizar Hussain

Irrig. and Drain. 56: 147–164 (2007)

55. Direct and indirect benefits and potential disbenefits of irrigation: evidence and lessons

Intizar Hussain

Irrig. and Drain. 56: 179–194 (2007)

56. Agricultural water management pathways to breaking the poverty trap: case studies of the Limpopo, Nile and Volta River basins

Intizar Hussain, Francis Gichuki, M. Adrian Louw, Winston Andah and Mohamoud Moustafa Irrig. and Drain. 56: 277–288 (2007)

57. Pro-poor intervention strategies in irrigated agriculture in Asia: issues, lessons, options and guidelines

Intizar Hussain

Irrig. and Drain. 56: 119–126 (2007)

58. Challenges to science and society in the sustainable management and use of water: investigating the role of social learning

Ray Ison, Niels Roling, Drennan Watson

Environmental Science & Policy 10 (2007) 499 – 511

59. Can Integrated Water Resources Management sustain the provision of ecosystem goods and services?

Graham Jewitt

Physics and Chemistry of the Earth 27 (2002) 887–895

60. Integrated Water Resources Management: The theory-praxis-nexus, A South African Perspective

Lewis Jonker

Physics and Chemistry of the Earth (2007)

61. Understanding poverty through the eyes of the poor: The case of Usangu Plains in Tanzania

Reuben M.J. Kadigi, N.S.Y. Mdoe, G.C. Ashimogo

Physics and Chemistry of the Earth (2007)

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Reuben M.J. Kadigi, N.S.Y. Mdoe and G.C. Ashimogo

Physics and Chemistry of the Earth (2007)

63. Rainwater harvesting to enhance Water Productivity of rainfed agriculture in the semiarid Zimbabwe

Jean-marc Mwenge Kahinda, Johan Rockström, Akpofure E. Taigbenu, John Dimes Physics and Chemistry of the Earth (2007)

64. Water for food, livelihoods and nature: simulations for policy dialogue in South Africa Kamara, H. Sally

Physics and Chemistry of the Earth 28 (2003) 1085-1094

65. Livelihoods in the wetlands of Kilombero Valley in Tanzania: Opportunities and challenges to integrated water resource management

Richard Y.M. Kangalawe, Emma T. Liwenga

Physics and Chemistry of the Earth 30 (2005) 968–975

66. Water productivity: science and practice—introduction

H. Kassam, D. Molden, E. Fereres and J. Doorenbos Irrig Sci (2007) 25:185–188

67. The Okavango; a river supporting its people, environment and economic development

D.L. Kgathi, D. Kniveton, S. Ringrose, A.R. Turton, C.H.M. Vanderpos, J. Lundqvist, M. Seely Journal of Hydrology (2006) 331, 3–17

68. Integrated modelling of climate, water, soil, agricultural and socio-economic processes: A general introduction of the methodology and some exemplary results from the semi-arid north-east of Brazil

Maarten Krol, Annekathrin Jaeger, Axel Bronstert, Andreas Guntner Journal of Hydrology (2006) 328, 417–431

69. Integration of atmospheric sciences and hydrology for the development of decision support systems in sustainable water management

Harald Kunstmann, Gerlinde Jung, Sven Wagner, H. Clottey Physics and Chemistry of the Earth (2007)

70. Water accounting for the Orange River Basin: An economic perspective on managing a transboundary resource

Glenn-Marie Langea, Eric Mungatana, Rashid Hassan Ecological Economics 61(2007) 660-670

71. Irrigation-based livelihood trends in river basins: theory and policy implications for irrigation development

Bruce Lankford

Physics and Chemistry of the Earth 28 (2003) 817-825

72. Participants and non-participants of place-based groups: An assessment of attitudes and implications for public participation in water resource management

Kelli L. Larson, Denise Lach Journal of Environmental Management, 2007

73. Deconstructing the best case scenario: lessons from water politics in La Paz-El Alto, Bolivia

Nina Laurie a, Carlos Crespo Geoforum 38 (2007) 841–854

74. Testing water demand management scenarios in a water-stressed basin in South Africa: application of the WEAP model

Herve Levite Hilmy Sally, Julien Cour Physics and Chemistry of the Earth 28 (2003) 779–786

75. Farm water and rural poverty reduction in developing Asia

Michael Lipton

Irrig. and Drain. 56: 127-146 (2007)

76. Overcoming limited information through participatory watershed management: Case study in Amhara, Ethiopia

Benjamin M. Liu, Yitayew Abebe, Oloro V. McHugh, Amy S. Collick, Brhane Gebrekidan, Tammo S. Steenhuis

Physics and Chemistry of the Earth (2007)

77. Information quality and effectiveness for more rapid adoption decisions by farmers

Rick S. Llewellyn

Field Crops Research (2007)

78. Linking poverty levels to water resource use and conflicts in rural Tanzania

Ndalahwa F. Madulu

Physics and Chemistry of the Earth 28 (2003) 911–917

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