

Forough Jafary

Doctoral Researcher

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About

Title of PhD: Interdisciplinary Agricultural Water Resources Management in Iran (Kashan)

Supervisors: Dr Dan van der Horst and **[Dr Chris Bradley](/staff/profiles/gees/bradley-chris.aspx)** (</staff/profiles/gees/bradley-chris.aspx>)

Forough Jafary is taking an interdisciplinary approach to sustainable ground water resources management in Iran. She is using a case study area in the centre of Iran (Kashan) to evaluate different water management scenarios. The scenarios will be developed in cooperation with local farmers and will be simulated through a scenario-based hydrologic model of WEAP (Water Evaluation and Planning System). To better communicate with the local farmers and the main water stakeholder agencies, she will conduct a participatory simulation method, which uses 'Role Playing Games' for the main aim of raising farmers' awareness in a learning loop process, and to facilitate the negotiation procedure in a controversial common-pool resources management.

Qualifications

M.Sc. Environmental and Earth Resources Management (2008-2009), Kingston University London, UK

B.Sc. Environmental Engineering (2004-2007). Azad University Tehran (Iran)
Awarded Bursary for the first grade honor degree in 2007

Biography

Forough completed her B.Sc. in Environmental Engineering in Tehran (Azad University), and graduated in 2008 with an honours degree. During her B.Sc. She published three translated books about wildlife management in Iran, and before undertaking her Masters she undertook different activities within environmental NGOs in Iran. She completed her M.Sc. in Earth Resources Management at Kingston University (London). She started her current PhD degree in 2010 at the University of Birmingham. Her case study is located in Iran; therefore she is coordinating her academic research between Birmingham and Tehran Universities.

Research

Research interests

Water Resources Management, Irrigation management, Biodiversity and wildlife studies, Desertification, Pastoralists societies

See the **[Birmingham Initiative on Sustainability Sciences \(http://www.bhioss.bham.ac.uk/\)](http://www.bhioss.bham.ac.uk/)** group website

Other activities

Forough has volunteered for different biodiversity and conservational NGOs, and takes part in the translation of their websites/publications. In 2007 she was granted to hold a seminar on 'Wildlife Management' in Tehran.

Publications

Jafary, F. (2005) 'Different View to the Wolf', Published by Kolbe Sefid, Tehran, Iran

Jafary, F. (2006) 'The Robin'. ISBN: 964-93601-4-x, Tehran, Iran

Jafary, F. (2006) 'Houbara, the desert bird', ISBN: 964-93601-66, Tehran, Iran

Jafary, F., van der Horst, D., Bradley, C. (2012) 'Interdisciplinary Approach for Adaptive Water Resources Management', Interdisciplinary Desert Conference, Oxford University, Poster Presentation

Jafary, F., Bradley, C.(2011) 'Sustainable Water Resources Management in Iran (Kashan), University of Oxford, WATCH Summer School, Poster presentation

