Shafaq Masud

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Research ID:
https://www.researchgate.net/profile/Shafaq_Masud2
Languages: English, Urdu and Hindi
Immigration Status: Permenant Resident

Summary

- More than eight years of work experience in integrated environmental management, climate change and participatory governance.
- Possess effective presentation, verbal and written communication skills
- Recognised as an environmental scientist with four years of experience by the Australian Skill Assessment Institute (VETASSESS).
- Experience in creating and maintaining effective liaison with agencies and organisations.
- Support program implementation. Possess sound project management and M&E skills.
- Aspire to pursue a career in academia, which explores different aspects of environmental management and socio-ecological dimensions of climate change.

Employment History

University of Fribourg, Switzerland **September – December 2018**
Position: Scientific Collaborator (40%)
Advisor: Prof. Christine Bichsel & Dr. Nadine Salzmann, Switzerland

University of Fribourg, Switzerland **September 2017- August 2018**
Position: Postdoc (100%)
Advisor: Prof. Christine Bichsel & Dr. Nadine Salzmann, Switzerland

Swiss Development Cooperation (SDC), Embassy of Switzerland **Oct 2016-Aug 2017**
Position: Sr. Programme Officer - Water Governance (100%)
Advisor: Dr. Stefanie Burri, Director of Cooperation SDC, Pakistan

University of New South Wales (UNSW), Australia **February 2012 – March 2016**
Position: Research Candidate (100%)
Advisor: Associate Professor, John Merson and Associate Professor Daniel Robinson, UNSW, Australia

University of New South Wales (UNSW), Australia **July 2015 - Dec 2015**
Position: Research Assistant - Australian Business School (15%)
Advisor: Dr Louise Fitzgerald, EDU, UNSW

United Nations Human Settlements Programme, Pakistan **Aug 2011-Dec 2011**
Position: Development and Monitoring & Evaluation Associate (100%)
Advisor: Mr. Siamak Moghaddam, Country Programme Manager, Pakistan

World Wide Fund for Nature (WWF), Pakistan **October 2009 - August 2011**
Position: Coordinator, Monitoring and Evaluation (100%)
Advisor: Dr. Ghulam Akbar, National Programme Director (NPD), Pakistan

International Water Centre, Australia **Jan-Feb 2009**

Position: Consultant (30%)
Adviser: Dr. Peter Oliver (Late), Senior Lecturer, UQ

WWF-Pakistan **May 2006- Dec 2007**

Position: Research Officer (100 %)
Advisor: Richard Garstang, Chief technical Advisor, NPD, Pakistan

Leadership for Environmental and Development (LEAD), Pakistan June 2004-May 2006

Young Professional Officer (YPO) (100%)
Advisor: Dr. Javied Afzal, Programme Manager, LEAD Pakistan

Fatima Jinnah Women University, Pakistan **Feb – Dec 2003**

Teaching Assistant (40 – 100%)
Advisor: Dr. Azra Yasmeen

Institutional Responsibilities

- I recently completed my appointment as a ***Scientific Collaborator*** at UNIFR, which was an extension of my postdoc research position. The output of this position included the publication of research results; organising a research seminar for postgraduate students in Environmental Geography on existing policy models; and provide occasional support to my collaborator in class assessments.
- My ***Postdoc*** research position at the ***University of Fribourg*** explored policy dimensions of climate change adaptation in Pakistan. The research was aimed to identify risks and opportunities for effective implementation of climate change policies in Pakistan. Draft report on the research findings have been developed. Two additional papers, based on PhD work were submitted during the course of this research. This research was supported by the Swiss Governance Excellence Scholarship (2017-2018).
- Water Governance is one of the main domains of Swiss Development Corporation's work in Pakistan. My work as a ***Sr. Programme Officer***, was focused on developing projects that led to sustainable use of water resources and implementation of IWRM practices in a vulnerable region of Pakistan that was severely impacted by climate change.
- As a ***PhD candidate*** (2012 – 2016), my research provided an opportunity to explore the socio-political dimensions of flood risk management in Australia. More particularly, my research examined implementation of risk management policies and the socio-ecological barriers it presented to climate change adaptation for communities in Australia. My PhD work so far has culminated to an international research publication in peer-reviewed journal, in addition to a conference paper. Another paper on community perceptions is under review by the Australian Journal of Environmental Management.
- The University of New South Wales is one of the top five universities in Australia. The Australian Business School provides opportunities for research (PhD) candidates to support its Education Development Unit. As a ***Research Assistant***, my core responsibility was to provide consultations in any aspect of academic study to under-graduate and post-graduate students. More specifically, to provide assistance in individual and group assignments and course work.
- Prior to the commencement of my PhD in 2012**,** I worked for the UN-HABITAT as a ***Development and Monitoring & Evaluation Associate***. I saw this as a valuable opportunity to experience working for a multinational entity such as the United Nations, under their Water, Sanitation and Hygiene (WASH) programme. Under this capacity, I was involved in the development of new projects and was responsible for coordinating the implementation of ongoing projects.
- My contribution to WWF as a ***Coordinator, Monitoring and Evaluation*** was to design and implement an effective M&E framework. Documentation and development of quarterly

and annual progress review reports for multi-donor reporting which included the Ministry of Environment, Global Environmental Facility (GEF), UNDP and the Embassy of the Royal Netherlands.

- ***International Water Centre (IWC)*** was one of the main agencies responsible for designing and implementing Masters course in *Integrated Water Management* at the University of Queensland. I was given the opportunity to undertake ***consultation*** with IWC and help design project activities for post-graduate students.
- One of my core responsibilities at WWF-Pakistan as a ***Research Officer***, was to carry-out research in support of the National Programme Manager/Chief Technical Advisor's personal contribution to the implementation of the Pakistan Wetlands Programme (PWP) as part of the Ramsar Convention on Wetlands. This was a USD 7 million investment to support the sustainable management of significant wetlands of Pakistan and their associated biodiversity. My main responsibility was to compile research literature and relevant documents as background material for various project inputs and supervise research interns' technical reports.
- LEAD is an international organisation with regional offices in several countries. It implements projects in leadership, training/capacity-building and sustainable development in over 70 developing countries. As a ***Young Professional Officer*** my work contributed to the two major components of the organisation: LEAD's flagship programme for *Leadership* designed to impart leadership skills in environmental management to mid-career professionals; and quality assurance for compliance with ISO certifications. A main component of my work was to organise conferences and workshops for professionals. In addition to provide critical assessments of *Environmental Impact Assessment* reports, develop issue-based case studies for training workshops and supervise occasional fiedl studies for university interns.
- As a ***Teaching Assistant*** during my course of study at Fatima Jinnah Women University, I was responsible for organising classroom material for a number of courses in Environmental Sciences. This included coaching responsibilities for Masters student in designing their research proposals, preparing class quizzes, exam invigilation and taking make-up classes.

Education

- **PhD**, University of New South Wales, Australia, August 2016. *Advisors:* Associate Professor, John Merson and Associate Professor Daniel Robinson
- **Masters** in Integrated Water Management, University of Queensland, Australia, June 2009. *Advisor:* Dr. Peter Oliver (late), Senior Lecturer and Adjunct Associate Professor, UQ.
- **Masters** in Environmental Sciences, Fatima Jinnah Women University, Pakistan Feb 2002. *Advisor:* Prof. Azra Yasmin.

Research Scholarships

 Recipient of Swiss Government for Excellence Scholarship (2017-2018)
 Recipient of the Australian Endeavour Postgraduate Scholarship (2012-2016).
 Recipient of the Australian Development Scholarship (2007-2009).
I was also one of the top three finalist for the VERA Australian Scholarship for women in Gender studies (for 2017-2018 uptake).

Memberships

- *Most Significant Change* forum – member since 2008. It is an online forum to exchange knowledge on monitoring and evaluation using the MSC tool to record social parameters in different sectors.
- *SDC Climate change and environment network* – member since 2017. This network provides several services. In addition to sharing information on climate change, critical

reports, it also provides access to practitioners and researchers working on climate change.

- *International Water Centre Alumni Network*- member since 2009. It is a useful source of information on water governance projects and research, across the globe, with particular focus on work by the IWC in education and development works in developing countries.

Former memberships:

- *Cturtle – tutle conservation:* Provides updated scientific information on sea turtles. This was very useful during my work with WWF Pakistan.
- *Society of Wetlands Scientist (SWS)* – I was granted a two-year gratis membership and used this source to explore research information during my work with the WWF's Pakistan Wetlands Programme.

Publications/conference papers

- **Masud, S,** Merson, J, & Robinson, DF 2016, 'Adapting a holistic approach to flood management in the Hawkesbury–Nepean region: complexities and perceptions of the agencies involved,' *Journal of environmental planning and management*, *59*(6), 1126-1147. Retrieved from https://www.tandfonline.com/doi/abs/10.1080/09640568.2015.1056339
- **Masud, S**, Merson, J & Robinson, FD (subm.), 'Factors influencing communities' flood risk perceptions in the Hawkesbury-Nepean Catchment, Australia,' *Australasian Journal of Environmental Management*.
- **Masud, S** (subm.), 'Typical problems in flood governance – lessons from the field,' *Journal of Climate Change and Development* .
- **Masud, S**, (in prep.), 'Barriers to implementing climate change policy: issues of diverse perspective, the case of Pakistan,' *Journal of Political Geography*.
- **Masud, S**, (in prep.), 'Scope of Integrated Water Management in Pakistan: Khyber Pakhtunkhwa Province'.
- Garstang, R & **Masud, S** (eds) 2010, *Rapid Assessment of Flood Impact on the Environment in Selected Affected Areas of Pakistan,* (Pakistan Wetlands Program PWP), UNDP Pakistan.Retrived from: http://docplayer.net/36529423-Rapid-assessment-of-flood-impact-on-the-environment-in-selected-affected-areas-of-pakistan.html
- **Masud, S**, Merson, J & Robinson, FD 2017, 'Typical problems in flood governance – a story of flood management in three councils of the Hawkesbury-Nepean catchment, Australia, *6th International Conference on Water and Flood Management*, BUET -Institute of Water and Flood Management, Bangladesh, 4-6 March.
- **Masud, S**, Merson, J & Robinson, FD 2015, 'Challenges in environmental governance: A casestudy on flood risk perceptions of agencies involved in flood management' 17th *InternationalConference on Geography, Environment and Society*, ICGES, Canada, 6-7,August.
- **Masud, S**, Baloch, A & Khan, N 2010, 'Working together with communities towards asustainable environment', presented at the *13th International River Symposium* Perth, Australia,11-14, October.

Oral contribution to conferences

- **Masud, S** 2013, 'Trends of flood management in the Hawkesbury-Nepean catchment', *BlueMountains Winter Circle*, NSW, Australia.

Dissertations

- **Masud, S** 2016, 'Managing Complex Catchment Systems – Issues of Scale: A Case Study of Flood Management in the Hawkesbury Nepean Region', (PhD Dissertation), University of NewSouth Wales, Australia
- **Masud, S** 2009, 'Monitoring and Evaluation in Managing Wetlands in the Murray and the Lower Murray Darling Basin - Practice and Possibilities.' (Masters Dissertation), University of Queensland, Australia.
- **Masud, S** 2002, 'Response of hormonal combinations in tomato (*Lycopersicon esculentum*) cv.Rio Grande for callus induction and regeneration', (Masters Dissertation), Fatima Jinnah Women University, Pakistan.

General Contributions (Online Articles)

- **Masud, S** 2009, 'Pakistan in Dire need of Humanitarian Aid', *International WaterCentre,*Available from:http://www.internationalwatercentre.com/alumni/news/archived-items/2018pakistan-in-dire-need-of-humanitarian-aid2019.
- **Masud, S** 2007, 'Technical Innovation: Hydro Lab MS-5,' *Newsletter WetNotes*, vol 1, no. 3.Available from:http://www.pakistanwetlands.org/reports/Newsletter_July_curved_final.pdf
- **Masud, S** 2007, 'Net Earnings', *Newsletter Wet Notes*, vol 1, no. 7.

***References**

Prof. Christine Bichsel Department of Geosciences University of Fribourg, Switzerland Phone Tel. +41 26 300 9246 christine.bichsel@unifr.ch **Relationship to referee:** Collaborator during post-doc.	**Dr. Ahmad Khan** Sr. GIS Specialist Department of Geographical Science, University of Maryland, USA Tel. +1 301-219-8430 snowleop2002@yahoo.com **Relationship to referee:** Reporting line manager at WWF.	**Assoc. Prof. Daniel Robinson** Co-director of the Masters of Environmental Law and Policy interdisciplinary Environmental Studies (IES), UNSW, Australia Tel: +61 2 93859809 d.robinson@unsw.edu.au **Relationship to referee:** PhD uupervisor at UNSW.

*** Additional academic references can be provided on request.**