SRIVATSAN V RAGHAVAN

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Research Interests:

Regional Climate Modelling; Climate change impacts; Hydrology, Food Security, Weather Forecasting

Education:

Doctor of Philosophy (Climate Science), University College London, UK, 2008
Master of Science (Physics), Tufts University, USA, 2003
Master of Science (Physics), University of Madras, India, 1997

Employment:

2014–date : Senior Research Fellow, Tropical Marine Science Institute
2008-2013 : Research Fellow, Tropical Marine Science Institute

Publication Summary:

Journal Articles – 12; Book Chapters – 2; Conference Papers – 15

Selected Major Honors, Awards, and Fellowships:

Best Paper Award, IAHR-APD, 2012; Best Poster Award, AOGS, 2013; Dorothy Hodgkins Fellowship, UK; 2004

Memberships in Professional Associations/Committees:

Asia-Oceania Geosciences Society (AOGS); AOGS Hydrological Sciences Section Secretary; Hydroinformatics Society

Services to Academic and Scientific Communities:

Journal Associate Editor/Editorial Board Member: Journal of Hydrology; ASCE Journal of Hydrologic Engineering; Volume Editor for the Advances in Geosciences (AdGeo), AOGS; Journal of Hydroinformatics, Asia-Pacific Journal of Atmospheric Sciences

AOGS SERVICE

Currently, Section Secretary for Hydrological Sciences (HS), AOGS
Nominated for AOGS Treasurer, AOGS 2011, 2013
Nominated and Selected by AOGS to present radio interview on 'Climate Change', July 2009
Convener and Chair/Co-chair for HS/AS sessions in AOGS since 2009
Volume Editor for AdGEO (Advances in Geosciences) since 2009

Five Selected Publications:

1. Vu, M.T., **Raghavan, V.S**., Pham, D.M and Liong, S.Y. and Liang, X.Z. (2014): 'Investigating Drought over the Central Highland, Vietnam, using Regional Climate Models', ACCEPTED, ***Journal of Hydrology***, Special Issue: Drought processes, modelling, and mitigation
2. Liew, S.C., **Raghavan, V.S.** and Liong, S.Y. (2014): Development of Intensity-Duration-Frequency Curves at Ungauged Sites: risk management under changing climate, ***Geoscience Letters***, **1**:8 doi:10.1186/2196-4092-1-8
3. **Raghavan, V. S.,** Vu, M. T. and Liong, S.Y. (2014): 'Impact of climate change on future stream flow in the Dakbla river basin', ***Journal of Hydroinformatics***, doi:10.2166/hydro.2013.165
4. Liew, S.C., **Raghavan, V.S.** and Liong, S.Y.(2013): 'How to construct future IDF curves, under changing climate, for sites with scarce rainfall records?'', ***Hydrological Processes,*** doi.10.1002/hyp.9839
5. **Raghavan, V. S.,** Vu, M. T. and Liong, S.Y. (2012): 'Assessment of hydrological response using regional climate model output - a case of Sesan river basin in Vietnam', ***Hydrological Processes***, 26 (24), 3661-3668

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