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Summary of experiences: 10 years

- **Assistant Professor Grade I**, Department of Civil Engineering. **National Institute of Technology Karnataka**. Since May 2018
 - **Assistant Professor (Grade II)**, Civil Engineering Department (Environmental Engineering Division), **National Institute of Technology Warangal**. 2018
 - **Post-doctoral Research Associate (III)** at **Indian Institute of technology, Guwahati**, *Climate change adaptation for irrigation in the Himalayan state of Sikkim*. 2017
 - **Scientist B (Assistant Director)**, **Bureau of Indian Standards**. ISO/IEC 17025 Laboratory Quality Management System and ISO/IEC 14001 Environmental Management System. 2006-2012
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Educational Qualification:

- **PhD** at Cranfield Water Science Institute, **Cranfield University**, United Kingdom. Research highlight: *Adapting water management to climate change: institutions, networks and barriers*. 2012-2016
 - **Master of Technology**, Environmental Engineering & Management, **Indian Institute of Technology, Delhi**. Research highlight: Sulfur dioxide deposition. 2004-06
 - **Bachelor of Engineering** in Civil Engineering, **Saurashtra University**, 2000-04
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Research Grants awarded

- Random Verification of Hazardous Waste Management. PJ-99/12/2021-WM-II-HO-CPCB-HO dated 10-Aug-2021 (completed March 2022).
- SEELARI: Socio-economic-environmental trade-offs in managing Land-River interface. Case study based in Himachal Pradesh. Trilateral research project with Cranfield University UK and Peking University China Sponsored by DBT-Gol under the *Towards*

a Sustainable Earth Scheme Grant No.:BT/IN/TaSE/69/AA/2018-19 (Completed June 2022)

- SEIBOCCA: Socio-Economic and Institutional Barriers of Climate Change Adaptation. Funded under the IMPRESS Project Grant No. IMPRESS/P765/2018-19/ICSSR (Completed December 2021)
 - Climate change impacts for irrigation water management in Sikkim sponsored by Department of Science & Technology, Government of India. (Completed)
 - Jack Wright International Research. UK Irrigation Association, United Kingdom. (Completed 2014).
 - Mitigating Impacts of Climate Change. Case study area: Himachal Pradesh. Sponsored by Ministry of Earth Sciences, Government of India and UK Natural Environment Research Council. (Completed).
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Recent research papers:

- ◆ **Azhoni, A.**, Holman, I., and Grabowski, R. *Identifying evolving priorities in national river governance from Parliamentary Questions* (Under review in *Water Policy*)
- ◆ Rehman, S., **Azhoni, A.** and Pooja, C. *Livelihood vulnerability assessment and climate change perception analysis in Arunachal Pradesh, India*. *GeoJournal* (2022). <https://doi.org/10.1007/s10708-022-10703-7>
- ◆ Vercruyssen, K., Grabowski, R., Holman, I. **Azhoni, A.** et al. *Place-based interpretation of the Sustainable Development Goals for the land-river interface*. *Sustain Sci* (2022). <https://doi.org/10.1007/s11625-022-01176-1>
- ◆ Rehman, S., Jahangir, S. and **Azhoni, A.** *GIS based coastal vulnerability assessment and adaptation barriers to coastal regulations in Dakshina Kannada district, India*. *Regional Studies in Marine Science* (2022). <https://doi.org/10.1016/j.rsma.2022.10250>
- ◆ Grabowski, R., Vercruyssen, K., Holman, I. **Azhoni, A.** et al. *The land–river interface: a conceptual framework of environmental process interactions to support sustainable development*. *Sustain Sci* (2022). <https://doi.org/10.1007/s11625-022-01150-x>
- ◆ Nair, S., Manu, B., and **Azhoni, A.** et al., *Sustainable treatment of paint industry wastewater: Current techniques and challenges*. *Journal of Environmental Management*. Vol 296, 15 October 2021, 113105.

- ◆ **Azhoni, A.**, Holman, I. and Jude, S.: *Adapting to climate change by water institutions: enablers and barriers*. Journal of Hydrology. Vol 559. April 2018 Pages 736-748 <https://doi.org/10.1016/j.jhydrol.2018.02.047>
 - ◆ **Azhoni, A.**, Goyal, M.K.: *Stakeholders' participatory diagnosis of climate change impacts on subsistence agriculture in Sikkim, India, for identifying adaptation strategies* Science of the Total Environment (accepted and in press) <https://doi.org/10.1016/j.scitotenv.2018.01.112>
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S: *Adapting water management to climate change: institutional involvement and inter-institutional networks*. Global Environmental Change. Vol 44, May 2017, Pages 144–157 <http://doi.org/10.1016/j.gloenvcha.2017.04.005>
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S: *Contextual and interdependent causes of climate change adaptation barriers for water management: evidences from Himachal Pradesh, India*. Science of the Total Environment. Volume 576, 15 January 2017, Pages 817–828 <http://doi.org/10.1016/j.scitotenv.2016.10.151>
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S: *Inter-institutional networks across scales for adapting water management to climate change: insights from national and state level water management institutions in India*. (Under review. Global Environmental Change)
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Book Chapter:

- ◆ **Azhoni, A.** Climate Change Adaptation for Sustainable Management of Water in India: Issues and Challenges. In *Sustainability: Fundamentals and Applications*. Eds. Rao Surampalli, Tian Zhang, Manish Kumar Goyal, Satinder Brar, and R Tyagi. Wiley. ISBN:9781119433965 <https://doi.org/10.1002/9781119434016.ch21>
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Relevant Conference Presentations:

- ◆ **Azhoni, A.**, Holman, I. and Gabrowski, R., *Regulation of Human Impacts on the Riverine Ecosystem: Perspectives of Indian Parliamentarians*. Abstract ID#H42H-04. American Geophysical Union. Fall Meeting. New Orleans 12-17 December 2021.
- ◆ **Azhoni, A.**, and Tilling, R. *When Drought Happens: Practices of Tribal Farmers of Northeast India and Prospects for Climate Change Adaptation*. Paper ID#848102. American Geophysical Union. Fall Meeting. New Orleans 12-17 December 2021.
- ◆ **Azhoni, A.**, Holman, I. and Jude, S. *Multi-scale adaptation barriers within water management institutions in India*. 5th International Climate Change Conference. Adaptation Futures 2018. Cape Town. 2018-06-18

- ◆ **Azhoni, A.**, Goyal, M. K. Stakeholders participatory diagnosis of climate change impacts on subsistence agriculture in Sikkim, India, for identifying adaptation strategies. American Geophysical Union. 2017-12-18 | paper-ID: GC33A-1068
 - ◆ **Azhoni, A.** Climate Change Adaptation by Water Institutions in India: Networks and barriers. Newton Fund Researcher Links. 7 to 9 September 2016. Puebla, Mexico
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S. *Contextual and interdependent causes of climate change adaptation barriers for water management: responses from regional and local institutions in Himachal Pradesh, India*. European Geosciences Union General Assembly 2016. Vienna 2016-04-18 | paper-ID: EGU2016-10022
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S. *Enhancing Hydrological Data Collection Network, Inspiring Research and Appreciation of the Value of Water in Low Income Countries through School Education*. American Geophysical Union Fall Meeting 2014. San Francisco. 2014-12-15 | paper: ED21F-04
 - ◆ **Azhoni, A.**, Holman, I. and Jude, S. *Understanding Indian Institutional Networks and Participation in Water Management Adaptation to Climate Change*. American Geophysical Union Fall Meeting 2014. San Francisco. 2014-12-14 | conference Abstract ID: H13A-1037
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