

Curriculum Vitae



Name: T. Imran MSc.
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 Date of Birth: 10 October 1995
 Nationality: Pakistani
 Main Disciplines: Water Science and Engineering, Hydrogeology, Water Resources Management, Groundwater, Climate Change, Environmental Management
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Key Qualifications

Tania Imran holds a BE. in Environmental Engineering and an MSc in Groundwater and Global Change. As a recipient of the Erasmus+ scholarship, she has graduated with a degree in Water Science and Engineering from IHE Delft Institute for Water Education (The Netherlands), Environmental Engineering from Instituto Superior Técnico (University of Lisbon, Portugal) and Hydrosience Engineering from Technische Universität Dresden (Germany). She has previously served as a program officer at an environmental think tank where she worked with development partners such as World Bank, Oxfam GB, USAID, and UK-BEIS on different research agendas and knowledge products. In addition, she has designed and executed comprehensive fieldwork campaigns within Pakistan, Netherlands, and Germany, mainly focusing on water quality and greenhouse gas emissions. Tania also has expertise in groundwater modelling (MODFLOW), water resources allocation (WEAP), geospatial analysis (QGIS), urban water management (SWMM), and statistical analysis (R programming).

She is currently working as a consultant/researcher at the FutureWater office in Wageningen and is determined to sustainably address the increasingly complex water and climate issues using innovative tools.

Educational Background

2019 – 2021	MSc. Groundwater and Global Change: Impacts and Adaptation (GroundwatCH), Erasmus Mundus Joint Masters Degree, IHE Delft Institute for Water Education, The Netherlands
2014 – 2018	BE. Environmental Engineering, National University of Sciences and Technology (NUST), Islamabad, Pakistan

Professional Experience

2022 – present	<i>Consultant/Researcher</i> , FutureWater, Wageningen, The Netherlands.
2021 – 2021	<i>Researcher</i> , Institute for Meteorology and Climate Research (IMK-IFU), Karlsruhe Institute of Technology (KIT), Garmisch-Partenkirchen, Germany.
2020 – 2020	<i>Research Intern</i> , International Groundwater Resources Assessment Centre (IGRAC), Delft, The Netherlands.
2018 – 2019	<i>Young Professional Officer (Climate Change)</i> , Leadership for Environment and Development (LEAD), Islamabad, Pakistan.
2017 – 2018	<i>Research Associate</i> , WaterAid, Islamabad, Pakistan.

Overseas Professional Experience

As resident: Pakistan
As non-resident: The Netherlands, Germany

Selection of Assignments and Projects

2023 – present	<p>Training on Water Accounting under the Water Scarcity Program (WSP) for Asia-Pacific</p> <p>Design and implement a hands-on training program on water accounting for stakeholders in Thailand, Indonesia, and Vietnam, respectively.</p> <p>Client: UN-FAO (RAP)</p> <p>Position: Lead trainer</p>
2023 – present	<p>Boosting Nexus Framework Implementation in the Mediterranean (BONEX)</p> <p>Develop a tool to quantify the linkages between the Water, Energy, Food and Ecosystem nexus (WEFe) for improved decision-making.</p> <p>Client: EU (PRIMA)</p> <p>Position: Project officer</p>
2022 – 2023	<p>Capacity Building on Water Accounting in Pakistan</p> <p>Design and implement a tailor-made training program on water accounting for different spatial scales in Pakistan under the GCF project titled “Transforming the Indus Basin with Climate Resilient Agriculture and Water Management”.</p> <p>Client: UN-FAO (Pakistan)</p> <p>Location: Islamabad</p> <p>Position: Lead trainer</p>
2023 – 2023	<p>Climate Risk and Adaptation Assessment of the Energy Transmission System in Uzbekistan</p> <p>Develop a detailed climate risk and adaptation assessment to enhance the climate resilience of the grid infrastructure in Uzbekistan and quantify the reduction in GHG emissions as a result of improved transmission efficiency.</p> <p>Client: ADB</p> <p>Position: GHG specialist</p>
2022 – 2023	<p>Global Gravity-based Groundwater Product</p> <p>Validation of the G3P product in Spain using different statistical approaches.</p> <p>Client: EU Commission</p> <p>Position: Researcher</p>
2022 – 2022	<p>Data Generation and Reporting to Support Mekong State of the Basin Report 2023</p> <p>Estimate salinity levels in the Mekong Basin using remote sensing data. Time-series analysis of water levels to report trends and contribute to evidence-based decision making.</p> <p>Client: Mekong River Commission</p> <p>Position: Researcher</p>

2021 – 2021	<p>MSc Thesis: “The Role of Groundwater in Greenhouse Gas Emissions from Headwater Streams: A Comparative Study Between Two Distinct Land-use Catchments in Germany”</p> <p>Organisation: Karlsruhe Institute of Technology Campus Alpin (IMK-IFU)</p> <p>Location: Garmisch-Partenkirchen, Germany</p>
2020 – 2020	<p>Research Internship: “Global Gravity-based Groundwater Product (G3P)”</p> <p>Organisation: International Groundwater Resources Assessment Centre</p> <p>Location: Delft, The Netherlands</p> <p>Position: Intern</p>
2018 – 2019	<p>Options to Strengthen Disaster Risk Financing in Pakistan</p> <p>Client: World Bank</p> <p>Position: YPO-Climate change</p>
2018 – 2019	<p>Facilitating Improved Action for Building Resilient Communities in Pakistan</p> <p>Client: Oxfam GB</p> <p>Position: YPO-Climate change</p>
2017 – 2018	<p>BE Thesis: “Anaerobic Treatment of Domestic Wastewater in Peri-Urban Areas: A Comparative Study of Anaerobic Technologies through Lab-scale Testing”.</p>
2017 – 2017	<p>Research Internship: “Development and Capacity Building for Affordable and Sustainable Sanitation Solutions in Pakistan”</p> <p>Organisation: WaterAid Pakistan</p> <p>Position: Research Associate</p>

Language Skills

Urdu:	Native Speaker
English:	Fluent in writing and speaking
Hindi:	Fluent in speaking
Spanish:	Basic

Computer Skills

Simulation models:	PM-WiN MODFLOW, AquaCrop, WEAP, SWMM
GIS:	QGIS, Google Earth Engine
Others:	MS Office, R, SURFER, Adobe Lightroom, Panoply