



## Reza Ardakanian, PhD

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Civil Eng. Department

Sharif University of Technology

Tehran, Iran

### ◆ Personal

Born 1958 in Yazd / Iran, Married, with two children

### ◆ Education

1997	<b>McMaster University</b> PhD (Water Resources Management)	Hamilton, Canada
1993	<b>McMaster University</b> MEng (Water Resources Engineering)	Hamilton, Canada
1984	<b>Sharif University of Technology</b> BSc (Civil Engineering)	Tehran, Iran

### ◆ Academic

2018 - 2021	<b>Shahid Beheshti University</b> Member, Board of Trustees	Tehran, Iran
2017 -	<b>Tehran Institute of Advanced Studies (TIAS)</b> Khatam University Member, Board of Trustees	Tehran, Iran
2014-2017	<b>The Joint PhD Program (United Nations University and Technical University of Dresden) in Management of Water, Soil and Waste</b> Co-founder <i>* Detailed list of the first PhD candidates at the end of the CV</i>	Dresden, Germany
2014 - 2017	<b>Dresden University of Technology (TUD)</b> Professor Faculty of Environmental Sciences (Responsible for supervision of 10 international PhD students)	Dresden, Germany
2012- 2017	<b>The United Nations University Institute for Integrated Management of Environmental Resources: Water, Soil and Waste (UNU-FLORES)</b> Founding Director/Chief Scientist	Dresden, Germany

1998 -	<b>Sharif University of Technology</b> Faculty Member, Civil Eng. Department Instructing undergraduate & postgraduate courses (Applied Hydrology, Water Resources Systems Analysis, Hydrological Modeling) and Principal Supervisor of PhD and MSc graduated. <i>*Detailed list at the end of the CV</i>	Tehran, Iran
1999 – 2005	<b>Sharif University of Technology</b> Member, Board of Trustees	Tehran, Iran
2008 - 2012	<b>University of Bonn (Institute of Crop Science &amp; Resource Conservation)</b> Water Science Lecturer	Bonn, Germany
2004 - 2011	<b>Iranian Journal of Water Resources Research</b> Founding Director	Tehran, Iran
2002 -	<b>Intl. Journal of Hydropower &amp; Dams</b> Member, International Editorial Board	London, UK
2001 - 2005	<b>Water &amp; Power University</b> Member, Board of Trustees	Tehran, Iran
2001 - 2005	<b>National Water Research Center</b> Member, Board of Trustees	Tehran, Iran
2001 - 2005	<b>Applied Sciences Institute of Water &amp; Power</b> Member, Board of Trustees	Tehran, Iran
1998 - 2005	<b>Researches &amp; Management Studies Institute</b> Member, Board of Trustees	Tehran, Iran
2001- 2007	<b>Iranian Association of Water Resources</b> President	Tehran, Iran

#### ◆ Publications

*\*Detailed list of sample publications - see  
end of the CV*

**@ United Nations University:**

- Founding Director of UNU-FLORES, Institute for Integrated Management of Environmental Resources, Water, Soil and Waste, in Dresden, Germany (Oct. 2012 – Oct. 2017)  
(establishing the institute, organizing 144 events, founding the joint PhD program and publishing 90 titles – Annex-I)
- Vice-Rector in Europe, a.i. (Nov. 2009 - May 2011)
- Founding Director of UN-Water Decade Program on Capacity Development (UNW-DPC), in Bonn, Germany (Aug. 2007 – July 2015)  
(establishing the program, organizing 128 activities, and publishing 65 titles – Annex-II)
- Special Advisor to the Rector for Central Asia (Nov. 2008 – Oct. 2012)
- Focal Point on Establishment of UNU-FLORES (2010-2012)
- Member of the Advisory Committee of UNU-EHS (2004-2007)

**@ other UN organizations:**

- Co-coordinator of the UN-Water task force for planning and organizing of the new Water Decade 2018-2028 (February to March 2018)
- Member of the Joint Scientific Committee (JSC) of World Climate Research Program of WMO (2007-2011)
- Member of the Governing Board of UNESCO-IHE (2002-2006)
- Member of the Intergovernmental Council of UNESCO-IHP (2002-2005)
- Bureau Member of UNESCO-IHP (2002-2004)

**@ non-UN international organizations:**

- Member, Advisory Board of the Global Change Research Institute of the Czech Academy of Sciences (GCRI) (2016-2019)
- Member, Governing Board of the International Hydropower Association (IHA), London, UK (2003-2006)
- Member, Council of IHA (since 2006)

**@ Regional Offices:**

- Founding Director of the UNESCO Regional Center on Urban Water Management – RCUWM in Tehran, Iran (2002-2007)
- Co-founder of the UNESCO International Center on Qanats and Historic Hydraulic Structures in Yazd, Iran (2005-2006)

## ◆ National Offices

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### @ Ministry of Energy of I.R. IRAN

- Minister of Energy (2017-2021)
- Deputy Minister for Water Affairs (2001-2005)
- Founding General Manager & Chairman of the Board of the holding company for Iran Water Resources Management (2001-2005)
- Senior Vice-Minister (1998-2001)
- Founding Deputy Minister for Planning & Economic Affairs (1989-1991)
- Advisor, Bureau of the Minister (1980-1982)

### @ Ministry of Interior of I.R. IRAN

- Deputy Minister for Urban Development and Municipalities Affairs (1987-1989)
- Technical Advisor to the Minister (1986-1987)
- Head, Bureau of the Minister (1985-1986)

## ◆ Sample Publications List

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### Books

- Hülsmann, Stephan, & Ardakanian, Reza, eds. 2018. "Managing Water, Soil and Waste Resources to Achieve Sustainable Development Goals". Switzerland: Springer International Publishing
- Hettiarachchi, Hiroshan, & Ardakanian Reza, eds. 2018. "Safe Use of Wastewater in Agriculture". Switzerland: Springer International Publishing
- Hettiarachchi, Hiroshan & Ardakanian, Reza, , ed. 2017. "Uso Seguro de Aguas Residuales en la Agricultura: Ejemplos de Buenas Prácticas". Dresden: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES).
- Kurian, Mathew, Suardi, Mario & Ardakanian, Reza, ed. 2016. "Nexus Planning Primer: Lessons from Case Studies. Shindelar, Rachel" Dresden: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES).
- Kurian, Mathew, Ardakanian, Reza, Veiga, Linda & Meyer, Kristin, Resources, Services and Risks: How Can Data Observatories Bridge the Science-Policy Divide in Environmental Governance? (The Netherlands: Springer International Publishing, 2016).
- Hettiarachchi, Hiroshan & Ardakanian, Reza, eds. 2016. "Environmental Resource Management and the Nexus Approach: Managing Water, Soil, and Waste in the Context of Global Change". Switzerland: Springer International Publishing

- Hettiarachchi, Hiroshan & Ardakanian, Reza, eds. 2016.  
"Safe use of Wastewater in Agriculture: Good Practice Examples".  
Dresden: United Nations University Institute for Integrated  
Management of Material Fluxes and of Resources (UNU-FLORES)
- Kurian, Mathew & Ardakanian, Reza, eds. 2015.  
"Governing the Nexus: Water, Soil and Waste Resources Considering  
Global Change".  
Switzerland: Springer International Publishing
- Maksimović, Čedo, Kurian, Mathew & Ardakanian, Reza, 2015.  
"Rethinking Infrastructure Design for Multi-Use Water Services"  
The Netherlands: Springer
- Reddy, V. Ratna, Kurian, Mathew & Ardakanian, Reza, 2015.  
"Life-Cycle Cost Approach: Concept, Relevance and Applicability in  
Managing Infrastructure and Other Investments in the Developing  
Countries: A Practitioner's Handbook".  
The Netherlands: Springer
- Veiga, Linda, Kurian, Mathew & Ardakanian, Reza, 2015.  
"Intergovernmental Fiscal Relations: Questions of Accountability and  
Autonomy"  
The Netherlands: Springer
- Ardakanian, Reza, Jaeger, D., 2012  
"Water and the Green Economy: Capacity Development Aspects"  
Published in Bonn, Germany, by UNW-DPC, United Nations  
University
- Ardakanian, Reza., Zarghami, M., 2010  
"Management of Water Resources Development Projects"  
Publication: Jahad Daneshgahi, Tehran, Iran
- Vollmer, R., Ardakanian, Reza., Hare, M., et al., 2009.  
"Institutional Capacity Development in Transboundary Water  
Management", side publications series of WWDR 3  
Published by WWAP, UNESCO
- Ardakanian, Reza ., Ghaemian, M., 2005.  
"Instrumentation and Monitoring of Embankment Dams",  
Publication No. 69 of Iranian National Committee on Large Dams
- Ghaemian, M., Ardakanian, Reza, 2005.  
"Instrumentation and Monitoring of Concrete Dams"  
Publication No. 68 of the Iranian National Committee on Large Dams

#### **Book Chapters**

- Schwärzel, Kai, Ardakanian, Reza, Avellán, Tamara and Zhang, Lulu,  
"Nexus Approach: Resource Management for Soil Productivity" in  
Encyclopedia of Soil Science, Third Edition, ed. Lal, Rattan (Florida:  
CRC Press, 2016), 1530-1534.

- Ardakanian, Reza and Hülsmann, Stephan, "Impact of Global Change on World Heritage and on Environmental Resources: The Need for an Integrated Management Approach" in *Climate Change as a Threat to Peace: Impacts on Cultural Heritage and Cultural Diversity*, ed. von Schorlemer, Sabine and Maus, Sylvia (Frankfurt am Main: Peter Lang GmbH – International Academic Publishers, 2014), 101-117.
- Ardakanian, Reza., Mullin Bernhardt, L., 2013. chapter on "Capacity Development for Water Cooperation" in "Free Flow – Reaching Water Security Through Cooperation" Published in Paris, France, by UNESCO

### Articles

- Avellán, Tamara, Ardakanian, Reza, Perret, Sylvain R., Ragab, Ragab, Vlotman, Willem, Zainal, Hayati, Im, Sangjun and Gany, Hafied A. (2017). "Considering Resources beyond Water: Irrigation and Drainage Management in the Context of the Water–Energy–Food Nexus". *Irrigation and Drainage*, 1-10
- Avellán, Tamara, Ardakanian, Reza and Gremillion, Paul (2017). "The Role of Constructed Wetlands for Biomass Production within the Water-Soil-Waste Nexus". *Water Science & Technology*, 75(10), 2237-2245
- Ardakanian, Reza (2016). "Why a New Water Decade is Key to Meeting the World's Development Needs". [theconversation.com](http://theconversation.com)
- Sabzevari, T., Saghafian, B., Talebi, A., Ardakanian, Reza, (2013), "Time of concentration of surface flow in complex hillslopes", *J. Hydrol. Hydromech.*, 61, 2013, 4, 269–277
- Ardakanian, Reza., Karimi, A., (2011), "Development and Application of a Long-Term Water Allocation Model in Assessment of Water Policies", *Sharif Journal*, Vol. 27-2, No. 1
- Sabzevari, T., Talebi, A., Ardakanian, Reza, Shamsai, A., (2010), "A Steady-State Saturation Model to Determine the Subsurface Travel Time (STT) in Complex Hillslopes", *Journal of Hydrology and Earth System Sciences*, Vol. 14, pp 891-900
- Karimi, A., Ardakanian, Reza, (2009), "Development of a Dynamic Long-Term Water Allocation Model for Agriculture and Industry Water Demands", *Water Resources Management*, Vol. 24, No. 9, pp 1717-1746
- Zarghami, M., Szidarovszky, F., Ardakanian, Reza, (2008), "A Fuzzy-Stochastic OWA Model for Robust Multi-Criteria Decision Making", *Fuzzy Optimization and Decision Making*, Vol. 7, pp 1-15
- Zarghami, M., Ardakanian, Reza, Memariani, A., Szidarovszky, F., (2008), "Extended OWA Operator for Group Decision Making on Water Resources Projects", *Journal of Water Resources Planning and Management*, Vol. 134, No. 3, pp 266-275

- Zarghami, M., Szidarovszky, F., Ardakanian, Reza, (2008), "Sensitivity Analysis of the OWA Operator", IEEE Transactions on Systems, Man, and Cybernetics – Part B, Vol. 38, No. 2, pp 547-552
- Ardakanian, Reza, Karimi, A., (2008), "Dynamic Long-Term Water Allocation Model for Irrigation", Journal of Civil Engineering, Islamic Azad University, Vol. 1, No. 1, pp 10- 42
- Zarghami, M., Ardakanian, Reza, Memariani, A., (2007), "Fuzzy Multiple Attribute Decision Making on Water Resources Projects Case Study: Ranging Water Transfers to Zayanderud Basin in Iran", Water International, Vol. 32, No.2, pp 280-293
- Zarghami, M., Abrishamchi, A., Ardakanian, Reza, (2007), "Multi-Criteria Decision Making for Integrated Urban Water Management", Water Resources Management, Vol. 22, pp 1017-1029
- Karimi, A., Ardakanian, Reza, (2006), "Application of Finite Elements Concept in Water Resources Management: FEWREM Model and Software", Journal of Iran Water Resources Research, Vol. 2, No. 2, pp 1-14
- Ardakanian, Reza, Karimi, A., (2006), "Applying Uncertainty Parameters to the HTCOM Model for Multipurpose Reservoirs", International Journal of Hydropower & Dams, Vol. 13, No. 3, pp 121-125
- Ardakanian, Reza, (2005), "Optimizing Coordination of Hydro and Thermal Plants: The HTCOM Model", The International Journal of Hydropower and Dams, Vol. 12, Issue 2, 49-61

#### **Conference Proceedings**

- Hettiarachchi, Hiroshan and Ardakanian, Reza eds. (2017), "Safe Use of Wastewater in Agriculture": A Workshop on Policy and Implementation for Iran 2016/12/5–7 Tehran. Dresden: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)
- Hülsmann, Stephan and Ardakanian, Reza eds. (2014), "Special Session at the Symposium of European Freshwater Sciences (SEFS 8)": Societal Concerns and Capacity Development 2013/07/01-05 Münster, Germany. Dresden, Germany: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)
- Liebe, J., Ardakanian, Reza, (2013), "Safe Use of Wastewater in Agriculture", Proceedings Series No. 11, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Sewilam, H., Liebe, J., (2013), "Capacity Development for the Safe Use of Wastewater in Agriculture", Proceedings Series No. 8, published in Bonn, Germany, by UNW-DPC, United Nations University

- Hülsmann, Stephan and Ardakanian, Reza eds. (2013), "Regional Workshop on Establishment of a Network for Partnership of UNU-FLORES Based in Maputo, Mozambique" 2013/05/06-08 Maputo, Mozambique. Dresden, Germany: United Nations University Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES)
- Ardakanian, Reza, Liebe, J., (2012), "Research and Capacity Development on Water Resources Management by the United Nations University: Focus on Africa", Proceedings Series No. 9, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Mullin Bernhardt, L., (2011), "Water Loss Reduction in Africa", Proceedings of Regional workshops in Ouagadougou, Burkina Faso and in Cape Town, South Africa, Proceedings Series No. 7, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Hülsmann, Stephan and Johmann, Jessica eds. (2011), "2nd International Scoping Workshop 2011/10/24-25 Maputo, Mozambique". Paffenholz, Germany: UNU-ViE
- Ardakanian, Reza, Hülsmann, Stephan and Johmann, Jessica eds. (2010), "1st International Scoping Workshop 2010/11/11-12 Dresden, Germany". Bonn, Germany: UNU-ViE
- Ardakanian, Reza, Salih, A., Martin-Bordes, J., (2010), "UN-Water's Perspective on Water Supply and Sanitation and Needs for Capacity Development in Africa", Proceedings Series No. 6, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Martin-Bordes, J., (2010), "Non-Revenue Water Management: Solutions for Drinking Water Loss Reduction", Proceedings Series No. 5, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Martin-Bordes, J., (2010), "Water Loss Reduction in Water and Sanitation Utilities", Proceedings Series No. 4, published in Bonn, Germany, by UNW-DPC, United Nations University
- Sabzevari, T., Ardakanian, Reza, Talebi, A., Shamsai, A., (2010), "Watersheds Flood Forecasting Using HEC-Geo HMS and HEC-HMS Model", Proceedings of 2010 International Conference on Environmental Science and Development (CESD 2010), ISBN 978-1-84626-024-7, pp 323-328
- Afrasiabi, N., Ehteshami, M., Ardakanian, Reza, (2009), "Optimum Design of an RO Membrane by Using Simulation Techniques, Desalination Publications", Vol. 9, pp 189-194



- Ardakanian, Reza, van der Schaaf, C., (2009), "Institutional Capacity Development in Transboundary Basins", Proceedings Series No.2, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Martin-Bordes, J., (2009), "Drinking Water Loss Reduction: Developing Capacity for Applying Solutions", Proceedings Series No.1, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, (2007), "The Fair Distribution of Water", Proceedings of the Working Group 12-14 November 2005 on Water and the Environment, pp 3-17, The Pontifical Academy of Sciences, Vatican City
- Ardakanian, Reza, (2005), "Iran and Neighbors: Countable Achievements in Shared Basins", Proceedings of The International Conference on Regional Cooperation in Transboundary River Basins, Dushanbe, Tajikistan
- Ardakanian, Reza, et al., (2005), "Three Dimensional Nonlinear Seismic Analysis of Concrete Dams", Proceedings of ICOLD 73rd Annual Meeting, Tehran, Iran
- Ardakanian, Reza and Roozbahani, R., (2004), "Nonlinear Coordination of Hydro- Thermal Power Plants", Proceedings of Hydro Vision 2004 conference, August 16- 20, 2004, Montreal, Canada
- Ardakanian, Reza and Zarghami, M., (2004), "Water Governance", Proceedings of the 1st Iranian National Congress on Civil Engineering, Esfahan, Iran
- Ardakanian, Reza and Roozbahani, R., (2004), "Review of 16 Countries' Experiences on Hydropower Developments", Proceedings of the 1st Iranian Annual Conference on IWRM, Esfahan, Iran
- Ardakanian, Reza and Zarghami, M., (2004), "Evaluation Criteria for Water Resources Development Projects in Iran", Proceedings of the 1st Iranian Annual Conference on IWRM, Esfahan, Iran
- Ardakanian R., et al., (2003), "Safety Evaluation of Amir-Kabir Dam in Iran", Proceedings of Hydro 2003 Conference, Croatia
- Ardakanian, Reza, (2003), "Integrated Drainage and Irrigation in Arid and Semi-Arid Regions", Proceedings of the 9th. International Drainage Workshop of ICID, Utrecht, The Netherlands
- Ardakanian, Reza and Hamidi, S. A., (2003), "Mid-Term and Short-Term Models for Optimal Coordinated Operation of Multipurpose Reservoirs and Thermal Power Plants", Proceedings of the 3rd International Conference on Water Resources and Environment Research, Germany

- Ardakanian, Reza and Ghazali, A. A., (2003), "Pressure-Leakage Relation in Urban Water Distribution Systems", Proceedings of ASCE Conference in New Pipeline echnologies, Security, and Safety, USA
- Ardakanian, Reza, (2002), "Regional Institution: An Efficient Tool for Conflict Resolution", (2002), Proceedings of the International Conference of from Conflict to Cooperation in International Water Resources Management, Delft, The Netherlands
- Ardakanian, Reza, (2002), "Overview of Water Management in Iran", Proceedings of an Iranian-American Workshop on Water Conservation, Reuse, and Recycling, pp 18-33, The National Academies Press, Washington, D. C., USA
- Ardakanian R., (2000), "Water Crises: Regional and Global Vision with Usable Strategies for Iran", Proceedings of Science and Technology Conference, Tehran, Iran

#### Serials

- Tsegai, D., Ardakanian, Reza, (2013), "Capacity Development in the Water Sector: A Way Forward", Mapping Series No. 2, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Jaeger, D., (2012), "The Contribution of Water Technology to Job Creation and Development of Enterprises", Knowledge Series No. 8, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Walter, T., (2011), "Capacity Development for Farm Management Strategies to Improve Crop-Water Productivity Using AquaCrop", Knowledge Series No. 7, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Martin-Bordes, J., Williamson, D., (2010), "Capacity Development for Water and Environmental Journalists", Knowledge Series No. 6, published in Bonn, Germany, by UNW-DPC, United Nations University
- Ardakanian, Reza, Aimard, V., (2008), "A Survey of UN-Water Members' and Partners' Activities", Mapping Series No. 1, published in Bonn, Germany, by UNW-DPC, United Nations University

#### ◆ Principal Supervisor

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#### PhD Thesis

- Sabzevari, T., 2010: "Development of catchments' geomorphological instantaneous unit hydrograph based on surface and subsurface flow response of complex hillslopes", Azad University, Tehran

- Karimi, A., 2008: "Development of a water allocation model at the basin level considering integrated socio-economic and hydrologic aspects as well as uncertainty of water supply and demand", Sharif U. of Technology, Tehran
- Zarghami, M., 2004: "Ranking of water resources projects under sustainable development at the basin level using extended OWA operator for group decision making", Sharif U. of Technology, Tehran

#### **MSC Thesis**

- Rahimi, M., 2011: "Water allocation in a shared river using game theory", Azad University, Tehran
- Alemohammad, H., 2009: "Land Water Storage Effect on Sea Level Fluctuations (Case Study: Caspian Sea Basin using the Modified Model)", Sharif U. of Technology, Tehran
- Kaffash-Ranjbar, S., 2007: "Development of the non-linear version of GROM to apply for surface and ground water resources", Sharif U. of Technology, Tehran
- Roozbehani, M., 2006: "Optimal operation of hydro-thermal power systems and multi-reservoirs using Noisy GA and NS GA-II", Sharif U. of Technology, Tehran
- Sohrabi, R., 2006: "Development of a mathematical model for optimal use of virtual water in a region, Sharif U. of Technology", Tehran
- Zarei, A., 2005: "Design of optimal reservoirs in arid and semi-arid area (case study: Kachoo river basin in Sistan – Balouchestan province)", Sharif U. of Technology, Tehran
- Shahmohammadi, H., 2004: "Improvement of GROM considering uncertainties of water supply from reservoirs and wells", Sharif U. of Technology, Tehran
- Karimi, A., 2003: "Modification of a mathematical model (HTCOM) for operation of multi-purpose reservoirs considering uncertainty of energy demand", Sharif U. of Technology, Tehran
- Ghazali, A., 2002: "Water loss reduction in urban areas", Sharif U. of Technology, Tehran
- Akhavan, A., 2002: "Evaluation of dynamic safety of dams", Sharif U. of Technology, Tehran
- Hamidi, S., 2001: "Development of short-term and mid-term operating models for multi-purpose reservoirs and hydro-thermal systems using the results of long-term planning model (HTCOM)", Sharif U. of Technology, Tehran
- Roozbehani, R., 2000: "Development of the non-linear version of (HTCOM)", Sharif U. of Technology, Tehran

**Chief Scientist of UNU-FLORES and Professor of Environmental Sciences of TU Dresden, responsible for supervision of the first 10 International PhD students (see below) at the joint PhD Program of United Nation University and Technical University of Dresden in Integrated Management of Water, Soil, and Waste (2014-2017)**

- ❖ **Chandrasekhar, Parvathy**  
(India) "Land-Use Induced Soil Pore –Space Changes and Their Hydrological Impacts" (Funded by DFG)
- ❖ **Gadedjsso Tossou, Agossou**  
(Togo) "The Impact of Soil Variability on Crop Water Productivity and Food Security of Irrigated Agriculture in West Africa"  
(Funded by the Islamic Development Bank Merit Scholarship)
- ❖ **Gebrechorko, Solomon Haila**  
(Ethiopia) "Assessing and Synthesising Climate-Related Data for Integrated Water-Soil Management in East Africa"  
(Various funding sources)
- ❖ **Jampani, Mahesh**  
(India) "Integrated Evaluation of Wastewater Irrigation for Sustainable Agriculture and Groundwater Development "  
(Self-funded)
- ❖ **Kreiselmeier, Janis**  
(Germany) "Quantification of Soil Pore Dynamics through Periodic Field and Laboratory Measurements"  
(Funded by DFG)
- ❖ **Muller, Andrea**  
(Chile/Germany) "Drought Risk System Indicator: Framework and Testing in Chilean Central Zone"  
(Funded by Conicyt)
- ❖ **Nguyen, Thuy**  
(Viet Nam) "Continuous Longitudinal Boat-Based Data Analysis for Efficient Water Quality Monitoring in Small Rivers "  
(Funded by DAAD)
- ❖ **Patra, Sridhar**  
(India) "Impact of Soil and Crop Management Practices on Soil Water and Carbon Dynamics"  
(ICAR International Fellowship)
- ❖ **Reetseh, Anika**  
(Germany) "Integration of Organic Waste into the Biomass Production of Smallholder Farming Systems in Kagera-Region, Tanzania"  
(Funded by Heinrich Boll Stiftung)
- ❖ **Twisa, Sakela**  
(Tanzania) "Source Sustainability of Rural Water Supply in Sub-Saharan Africa: Application of Geo-Information Technologies"  
(Funded by Ministry of Water of Tanzania)