

## CV July 2022

### **Professor Doerthe Tetzlaff BSc, Msc, PhD (Dr rer nat.), DSc Fellow AGU, FRSE, Honorary Fellow and Fellow GSA**

Tel: +49 (0)30 64181 661

Email: [d.tetzlaff@igb-berlin.de](mailto:d.tetzlaff@igb-berlin.de)

<http://www.igb-berlin.de/en/profile/doerthe-tetzlaff>

310 Mueggelseedamm, 12597 Berlin, Germany

#### Employment History

---

Since 2019	Honorary Professor, University of Aberdeen, Scotland
Since 2017	Head of the Department of Ecohydrology at Leibniz Institute of Freshwater Ecology & Inland Fisheries, Berlin, Germany and Professor of Ecohydrology at the Humboldt-Universität zu Berlin, Germany
2010-2019	Professor of Hydrology and Landscape Ecology, University of Aberdeen, Scotland (from 2017 0.2FTE)
2009 - 2010	Reader (Associate Professor) in Hydrology, University of Aberdeen, Scotland
2007 - 2009	Lecturer in Hydrology, University of Aberdeen, Scotland
2004 - 2007	Post-Doctoral Research Fellow, University of Aberdeen, Scotland (DFG Fellowship)
2000 - 2004	Research Assistant, University of Freiburg, Germany
1999 - 2000	Research Assistant, University of Hannover, Germany

#### Education & Professional Development

---

2013	DSc (Doctor of Science): Hydrology, University of Aberdeen 'Tracing connections between landscapes and riverscapes: conceptualising the links between catchment hydrology and in-stream ecology'
2004	PhD (Dr.rer.nat): Hydrology, University of Freiburg 'Ecologically meaningful hydrological assessment of flow dynamics in urban rivers'
1999	MSc: Physical Geography & Landscape Ecology, 1 <sup>st</sup> Class, University of Hanover Master thesis conducted at CSIRO Land & Water 'Davies Lab' Tonswville, Queensland Australia;
1994	BSc: Geography, 1 <sup>st</sup> Class, University of Potsdam

#### Memberships of Professional Bodies

---

- American Geophysical Union (AGU)
- European Geosciences Union (EGU)
- International Association of Hydrological Sciences (IAHS)
- German Hydrological Society (DHG)
- Arbeitsgemeinschaft Stabile Isotope ASI / German Association for Stable Isotope Research

#### Honours & Awards

---

- Fellow of The Geological Society of America GSA (2020)
- Honorary Fellow of The Geological Society of America GSA (2019)
- Fellow of The American Geophysical Union AGU (2018)
- Fellow of The Royal Society of Edinburgh FRSE (2017)
- Member of The Royal Society of Edinburgh (RSE) Young Academy of Scotland (2013)
- Visiting Fellowship in Freshwater Science, Leibniz Institute of Freshwater Ecology & Inland Fisheries, Berlin (2009)
- Young Person's Fellowship, Environment Agency for England & Wales (2004)
- Young Scientist's Award for Europeans, European Geosciences Union (2004)
- Young Scientist's Award for Europeans, European Geophysical Society (2003)
- Young Scientist's Award for Europeans, European Geophysical Society (2002)
- Research Fellowship "Friedrich-Ebert" Trust for Particularly Talented Postgraduate Students; 1999
- Student Fellowship "Friedrich-Ebert" Trust for Particularly Talented Undergraduate Students; 1994 – 1998

#### Keynotes & Plenary lectures

---

- IAEA Technical conference, Austria, 2021

- EGU (European Geosciences Union) Meeting, Austria; 2021
- Gordon Conference Seminar (GRS) Catchment Science, Andover, USA; 2019
- AGU (American Geophysical Union) Fall Meeting, Washington DC, USA; 2018
- ETTERSBURG ECOHYDROLOGY WORKSHOP, Weimar Ettersburg Germany; 2018
- CUAHSI Biennial Colloquium, Shepherdstown, USA; 2018
- EGU (European Geosciences Union) Meeting, Vienna, Austria; 2018
- Tag der Hydrologie – Day of Hydrology, Dresden, Germany; 2018
- AGU (American Geophysical Union) Fall Meeting, New Orleans, USA; 2017
- Distinguished Lecture Series, Global Institute for Water Security, University of Saskatchewan, Canada, 2016
- EGU (European Geosciences Union) Meeting, Vienna, Austria; 2016
- AGU (American Geophysical Union) Fall Meeting, San Francisco, USA; 2015
- EU-COST workshop on Connectivity, Durham, UK; 2015
- Water Research Horizon Conference, Berlin, Germany; 2015
- Woo lecture CGU (Canadian Geophysical Union) Banff, Canada; 2014
- National meeting of Royal Meteorological Society conference on "Mountain Hydrometeorology", Perth, Scotland; 2014
- AGU (American Geophysical Union) Fall Meeting, San Francisco, USA; 2013
- Nelson Lecture Series, Syracuse University, US; 2013
- Berkeley Catchment Science Symposium, Berkeley, US; 2012
- EGU (European Geosciences Union), Vienna, Austria; 2012
- 2nd International River Conference: Rivers as Linked Systems Berlin, Germany, Berlin, Germany; 2011
- International Symposium on "Structures and Processes of Initial Ecosystem Development", Cottbus, Germany; 2010
- Helmholtz-Zentrum für Umweltforschung (UFZ) in Magdeburg, Germany; 2010
- Humboldt University, Berlin, Germany; 2010
- Distinguished Lectures in Eco-Hydrology, University of Potsdam, Germany; 2010
- General Assembly EGU, Vienna, Austria; 2010
- Leibniz Institute of Freshwater Ecology and Inland; Fisheries, Berlin Germany; 2010
- 10th Gordon Research Conference on Catchment Science, Andover, NH, USA; 2009
- International workshop on 'State of the art of residence time calculation, modeling and analysis', IAEA, Vienna, Austria; 2009
- 5th Annual Krycklan Symposium, SLU Umea, Sweden; 2008
- AGU (American Geophysical Union) Fall Meeting, San Francisco, USA; 2007
- British Hydrological Society, London, UK; 2007
- EGU (European Geosciences Union), Vienna, Austria; 2007
- 4th Annual Krycklan Symposium, SLU Umea, Sweden; 2007
- Oregon State University, Corvallis, USA; 2006
- EGU (European Geosciences Union), Vienna, Austria; 2006

### Editorships

- Editor-in Chief, Hydrological Processes (*one of the top ranking journals in the ISI Water Resources subject area and flagship journals in experimental hydrology*); 2015 to present.
- Editor-in Chief of Hydrology and Water Resources Section, Geography Compass; 2009 to 2011.
- Editor, Hydrological Processes; 2012 to 2014.
- Editorial Board Member, Ecohydrology; 2013 to present.
- Associate Editor, Hydrological Processes; 2010 to 2012.
- Guest-editor on Special Issue Hydrological Processes "Women advancing hydrological process research" (to be published 2021).
- Guest-editor on Special Issue Hydrological Processes "Catchments in the future North: interdisciplinary science for sustainable management in the 21st Century" (published 2013).
- Guest-editor on Special Issue Hydrological Processes "Measurements and modeling of storage dynamics across scales" (published 2011).
- Guest-editor on Special Issue Hydrological Processes "Catchment Processes and Heterogeneity at Multiple Scales" (published 2010).

## Participation and leadership in national and international committees

- Advisory Board member journal Environmental Sciences: Advances Royal Society of Chemistry; 2021-
- Member of Earth Sciences and Chemistry Fellow Committee, Royal Society of Edinburgh; 2021-
- Invited member of AGU Hydrology Section's Ecohydrology Technical Committee AGU (American Geophysical Union); 2020 -
- Invited member of European Research Council Adv Grant Panel; 2020 -
- Invited member of AGU College of Fellows Committee on New Frontiers; 2019 - .
- Invited member of AGU Hydrology Section's Hydrology Science Award Committee; 2018-2021.
- Invited member of international search committee for new Editor-in-Chief for Water Resources Research; 2016.
- Invited expert on EGU Young Scientists "Meet the Expert" event, EGU 2016.
- Chair of AGU Hydrology Section's Early Career Award Committee; 2015-2016.
- Chair of AGU Hydrology Section's Surface Water Technical Committee AGU (American Geophysical Union); 2013 to 2015.
- Invited member of AGU Hydrology Section's Early Career Award Committee; 2013 to 2016.
- Invited member of Scientific Advisory Committee PUB (Prediction in Ungauged Basins) Putting PUB into Practice; 2011.
- Invited member of Hydrology Section Surface Water Technical Committee AGU (American Geophysical Union); 2010 to 2013.
- NERC Moderating Panel for Research Programme "Flooding from Intense Rainfall"; 2013.
- NERC PRC Freshwater Recruitment Panel; 2012.
- Invited member Tellers Committee AGU (American Geophysical Union); 2010 to 2012.
- Elected Work-Package leader on international integration of the UK Environmental Virtual Observatory within NERC (Natural Environment Research Council), pilot project on "Virtual Observatories" (total £2M). 2010-2012.
- Elected European Co-Chair of the Gordon Research Conference on Catchment Science; 2009 to 2011.
- Member, Peer review panel NERC (Natural Environment Research Council); 2009 to 2018
- Invited Chair of international initiative on Prediction in Ungauged Basins (PUB) of the International Association of Hydrological Sciences (IAHS); Theme 2 "Conceptualization of process heterogeneity", a major initiative to improve prediction in data sparse regions - Invited 2007 to 2009 and re-invited 2009 to 2011.
- Invited member of steering committee for US consortium CUAHSI (Consortium of Universities for the Advancement of Hydrologic Science) Inter-site Comparison; 2009 to 2010.
- Invited member of Executive Committee EGU (European Geosciences Union) on Catchment Hydrology; 2007-Present.
- Invited member of Executive Committee AGU (American Geophysical Union) on Surface Water; 2006 - Present.
- Invited member of Executive Committee EGU (European Geosciences Union) Estuaries, Wetlands and Eco-Hydrology; 2004 to Present.
- Invited panel member, IUGG Young Scientists Event, XXIV International Union of Geodesy and Geophysics (IUGG) General Assembly, Perugia, Italy; 2007.

## Participation on int. grant evaluation panels, institutional audits, tenure committees etc

- Panel member and reviewer international funding councils: ERC, NSF, NSERC, NERC
- Member of appointment committee for Professorships at Humboldt University 2019, 2020, 2021
- Member of appointment committee for Professorship University of Greifswald, 2021
- Member of appointment committee for Professorship University of Potsdam, 2021
- External reviewer Associate Professorship , EPFL, Switzerland, 2021
- Invited member Advisory Board Institute of Environmental Assessment & Water Research IDAEA, Spain; since 2019
- External assessor Full Professorship , University of Durham, UK, 2021
- External assessor Associate Professorship, University of California, Santa Barbara, US, 2020
- External assessor Associate Professorship , University of Durham, UK, 2020
- External assessor Distinct Professorship , Boise State University, US, 2019
- External assessor Associate Professorship, University New South Wales, Australia, 2017
- External assessor Associate Professorship, University of Montana; 2016
- External assessor Full Professorship, Ruttgers, US; 2016
- External assessor tenure professorship, University of Syracuse, US, 2014