

CV for Peter Bauer-Gottwein



Personal details

Name: Peter Bauer-Gottwein, né Peter Bauer

Born on June 21st 1974 in Muri/Switzerland

ORCID: 0000-0002-9861-4240

Degrees:

2004 PhD (Natural Sciences), ETH Zürich

1999 MSc (Environmental Sciences), ETH Zürich

Positions:

2016- Professor, Department of Environmental Engineering, DTU

2005-2016 Associate Professor, Environment & Resources, DTU

2004-2005 Postdoc, Agrosphere Institute, Jülich Research Center, Germany

1999-2000 Groundwater Modeller, Geotechnical Consulting Services, Gaborone, Botswana

Research Area:

Hydrology and water resources management, hydrologic and hydraulic modeling, satellite earth observation, satellite altimetry, unmanned airborne systems, hydrometry, hydroeconomic analysis, water-energy-food nexus

Web of Science publications: 120+; **Citations:** 3000+; **h-index:** 32;

Distinctions and awards:

2014 With Niels Riegels: Best policy-oriented paper award, ASCE Journal of Water Resources Planning and Management

2004 Otto Jaag Award, ETH Zürich, for outstanding PhD dissertation

1999 Willi Studer Award, ETH Zürich, for best MSc degree in Environmental Sciences

1996-2000 Member of the German Academic Scholarship Foundation – the oldest and largest organization that sponsors outstanding students in Germany

Memberships of scientific committees, review:

2013- Steering group member, Sino-Danish University Centre, Water & Environment Programme

2007- Scientific committee member for the second, third and fourth ESA Space for Hydrology Workshops (2007,2015,2021) and the ESA Living Planet Symposia (2013, 2016, 2022);

Supervision of PhDs:**Main Adviser: 19**

Bibi Gondwe, Lars Christiansen, Niels Riegels, Silvio Pereira-Cardenal, Claire Michailovsky, Mkhuzo Chongo, Daan Herckenrath, Maria Loinaz, Claus Davidsen, Pernille Marker, Raphael Schneider, Grith Martinsen, Filippo Bandini, Cécile Kittel, Liguang Jiang, Raphael Payet-Burin, Jun Liu, Monica Coppo, Theerapol Charoensuk

Co-Adviser: 5

Pernille Krogh, Kawawa Banda, Sheng Wang, Christian Köppl, Linda Christoffersen

Supervision of Postdocs: 5

Christian Milzow, Liguang Jiang, Pernille Marker, Cécile Kittel, Filippo Bandini

Selected grants:

Horizon Europe, "UAWOS – Unmanned Airborne Water Observing System", Amount granted to my Department: 4,4 mill DKK, Project period: 2022-2026, Role: Coordinator

Innovation Fund Denmark, "ChinaWaterSense - Remote sensing of inland water and land surface variables in China with satellites and unmanned airborne systems", Amount granted to Dept: 1,5 mill DKK, Project period: 2019-2022, Role: PI and coordinator

Danida Fellowship Center, "EOForChina - Satellite EO for Flood and Drought Forecasting in China", Amount granted to Dept: 2,0 mill DKK, Project period: 2019-2022, Role: PI and coordinator

Innovation Fund Denmark, "Riverscapes – Monitoring Riverscapes with Unmanned Airborne Vehicles", Amount granted to Dept: 3,2 mill DKK, Project period: 2017-2021, Role: PI and coordinator

European Space Agency, "Hydrocoastal", Amount granted to my Department: 0.5 mill DKK, Project period: 2020-2022, Role: WP leader

European Space Agency, "WorldWater – Surface Water Dynamics", Amount granted to my Department: 0.5 mill DKK Project period: 2020-2022, Role: WP leader

European Space Agency, "EO4SD, Earth observation for sustainable development" Amount granted to my Department: 0.5 mill DKK Project period: 2016-2018, Role: WP leader

European Space Agency, "Globwetland Africa", Amount granted to my Department: 0.5 mill DKK Project period: 2015-2017, Role: WP leader

European Commission FP7, "LOTUS - Preparing Land and Ocean Take-up from Sentinel-3" Amount granted to my Department: 1 mill DKK Project period: 2013-2016, Role: WP leader

European Space Agency, "TIGER NET - EO Supporting Integrated Water Resource Management in Africa" Amount granted to my Department: 1 mill DKK Project period: 2012-2015, Role: WP leader