

An Initiative of the Federal Ministry of Education and Research

GROW

WATER AS A GLOBAL RESOURCE

Final Conference

20 - 21 October 2020, Berlin, Germany

Live stream for online participants

Virtual Marketplace: 15 - 23 October 2020

Global analyses and local solutions for sustainable water resources management

AGENDA

Hybrid conference format

GROW – Water as a Global Resource

To help achieve the targets of the United Nations Sustainable Development Goal 6, the German Federal Ministry of Education and Research has initiated the funding measure Water as a Global Resource (GROW), probably the largest contemporary research initiatives addressing water as a global resource.

After 3 years of applied research, GROW projects put forth a set of innovative methods and tools to increase governance capacities in the water sector while reflecting the close links between local and global action. The projects present local and regional solutions as well as improved global information and forecasts of water resources and demand.

Registration

Participation is free of charge but requires registration at <https://bmbf-grow.de/de/registration>
Deadline: 9 October 2020

Registration is open - Secure a seat in Berlin or online (limited number)

Venue

Umweltforum, Pufendorfstr. 11, 10249 Berlin
For further information see www.bmbf-grow.de/en/events/grow-final-conference

Contact

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Aim of the final conference

- Presenting final results of 12 international joint research projects after 3 years of applied water research
- Presenting recommendations for more sustainable water resources management in a globalized world
- Discussing state-of-the-art water management solutions to achieve SDG 6 with participants from research, policy and practice

GROW Virtual Marketplace available all day – 15-23 October 2020

Do not miss to visit our **Virtual Marketplace**, starting one week before the Live Event and available every day until the end of the week of GROW Final Conference. The Virtual Marketplace offers online visitors a set of various experiences:

- learn more about the 12 GROW projects at **digital exhibition booths**, where German and international GROW partners present results and innovative products
- arrange virtual meetings with international water experts in a **virtual networking lounge**
- discuss GROW highlights with the projects in **short online events**

The Virtual Marketplace will be accessible via bmbf-grow.de/en

Stakeholder Fora

Learn more about future applications of GROW solutions in four thematic stakeholder fora:

Stakeholder Forum A – Digital innovations for managing water quantity: Dr Heike Bach (Vista GmbH); Tobias Landmann (RSS GmbH)

Stakeholder Forum B – Water quality management: Prof Dietrich Borchardt (UFZ); Dr Mauricio Bergamini Scheer (Sanepar, Brazil) - tbc; Dr Eddie Riddell (SANParks, South Africa)

Stakeholder Forum C – Decision support systems to prevent water conflicts: Sabine Stuart-Hill (University of KwaZulu-Natal, South Africa); Egon Harms (OOWV) - tbc; Andreas Abecker (Disy); Dr Micha Gebel (VisDat)

Stakeholder Forum D – Applying water footprint tools: Aurélie Wojciechowski (Evonik); Vikash Sinha (GIZ Global Programme 'Sustainability and Value Added in Agricultural Supply Chains'); Vinicius Bof Bufon (EMBRAPA Cerrados, Brazil)

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LIVE EVENT: DAY 1 – Tuesday, 20 October 2020

Moderator: Katie Gallus

09.30 **Registration** / ☑ *Welcome coffee*

10.50 **Tuning in for virtual participants**

11.00 **Welcoming words** (Oda Keppler, BMBF, Head of Directorate Sustainability; Provision for the Future)

11.10 **Introduction to the funding measure GRoW** (Prof Stefan Uhlenbrook, IWMI, Strategic Program Director for Water, Food and Ecosystems; Chair of the GRoW Steering Committee)

11.20 **Keynote:** Tackling the water crisis: Accelerating progress towards achieving SDG 6 and scaling impact to the local level (Dr Olcay Ünver, Arizona State University, formerly UN-Water)

11.40 *Short Energizer and Transition*

GLOBAL WATER RESOURCES I

11.45 **ViWA** – Efficient and sustainable global water use (Prof Wolfram Mauser, LMU München)

12.00 **GlobeDrought** – Global information system on droughts and their impact (Prof Stefan Siebert, University of Göttingen)

12.15 **SaWaM** – Seasonal water management in semi-arid regions (Prof Harald Kunstmann, Karlsruhe Institute of Technology)

12.30 **Discussion**

13.00 🍴 *Lunch break*

GLOBAL WATER RESOURCES II

14.10 **MuDak-WRM** – Adapted approaches for monitoring and modelling water quality in reservoirs (PD Dr Stephan Fuchs, Karlsruhe Institute of Technology)

14.25 **MedWater** – Sustainable use of politically and economically relevant water resources in hydraulically, climatically and ecologically highly dynamic hard-rock aquifers in the Mediterranean region (Prof Irina Engelhardt, TU Berlin)

14.40 **Discussion**

15.00 *Short break*

STAKEHOLDER FORUM I

15.20 **Keynote** (Dr Yasir A. Mohamed, Minister of Irrigation and Water Resources, Republic of Sudan)

15.30 **STAKEHOLDER FORUM A: Digital innovations for managing water quantity** **STAKEHOLDER FORUM B: Water quality management**
Moderator: Annika Kramer (adelphi)

LIVE EVENT: DAY 2 – Wednesday, 21 October 2020

Moderator: Katie Gallus

08.00 **Registration** / ☑ *Welcome coffee*

09.20 **Tuning in for virtual participants**

GLOBAL WATER DEMAND & GOOD GOVERNANCE

09.30 **WANDEL** – The impact of water availability on a global energy transition (Prof Martina Flörke, Ruhr-Universität Bochum)

09.45 **STEER** – Cross-sector coordination in water resources management (Prof Claudia Pahl-Wostl, University of Osnabrück)

10.00 **Trust** – Innovative planning tools for drinking water supply in water-scarce regions (Christian León, University of Stuttgart)

10.15 **Discussion**

10.45 ☑ *Coffee break*

GOOD GOVERNANCE IN THE WATER SECTOR

11.10 **iWaGSS** – Monitoring-based water governance system (Prof Karl-Ulrich Rudolph, IEEM gGmbH - University Witten/Herdecke)

11.25 **go-CAM** – Implementation of strategic development goals in coastal zone management (Prof Hans Matthias Schöniger, TU Braunschweig)

11.40 **Discussion**

12.00 *Short break*

STAKEHOLDER FORUM II

12.15 **STAKEHOLDER FORUM C: Decision support systems to prevent water conflicts**
Moderator: Katie Gallus

STAKEHOLDER FORUM D: Applying water footprint tools
Moderator: Annika Kramer (adelphi)

13.15 🍴 *Lunch break*

HIGH-LEVEL PANEL

14.15 **Panel discussion:**
• **Input presentation: GRoW recommendations for policy and practice** (Prof Wolfram Mauser, LMU München)
• Participants: Dr Olcay Ünver (Arizona State University), Prof Stefan Uhlenbrook (IWMI), Barbara Gerhager (GIZ), Harald Schölzel (EIB), Peter Saling (BASF)

15.25 **Closure** (Dr Helmut Löwe, BMBF)



GRoW Virtual Marketplace
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16.10 ☑ *Coffee break* and coming back to plenary

GLOBAL WATER DEMAND

16.40 **WELLE** – Determining the water footprint of companies (Dr Markus Berger, TU Berlin)

16.55 **InoCottonGROW** – The global textile industry: Germany's water footprint in Pakistan (Dr Frank-Andreas Weber, FIW e.V.)

17.10 **Discussion**

GRoW CROSS-CUTTING TOPICS

17.30 **Water footprint** – Advancing the water footprint into an instrument to support achieving the SDGs (Dr Markus Berger, TU Berlin)

17.45 **SDGs: Hitting the targets** – Innovative monitoring concepts and indicators to support achieving SDG6 in an integrated manner (Prof Claudia Pahl-Wostl, University of Osnabrück)

18.00 **Incentive mechanisms in the context of governance** – Seven sins against local water management (Prof Karl-Ulrich Rudolph, IEEM gGmbH - University Witten/Herdecke)

18.20 **End of Day 1**

18.30-20 ☑ **GRoW Reception** (for PHYSICAL participants only)
OR
☑ **Virtual After-hour meeting** (for ONLINE participants only)