
CURRICULUM VITAE (SHORT VERSION)

NAME: Dr Ralf KLINGBEIL
Dr. rer. nat. (Tübingen, Germany)
Dipl.-Geophysiker (Kiel, Germany)
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NATIONALITY: German

DATE, PLACE OF BIRTH: 17 May 1966, Hannover, Germany

MARITAL STATUS: Married, 2 children

PROFESSION: **Principal Advisor for Environment and Water, Environment and Water Policies, Water and Land Resources Management,** initially trained as Hydrogeologist, Geophysicist

CURRENT POSITION: **Regional Advisor Water**
UN Economic and Social Commission for Western Asia, UN ESCWA, Beirut, Lebanon

PROFESSIONAL EXPERIENCE

since 03/2009 **Regional Advisor Water, UN ESCWA (until 12/2014 Regional Advisor Environment & Water)**
[UN Economic and Social Commission for Western Asia](#)
Principal Advisor for UN ESCWA and its Member States on environment and water. Provision of policy advice and technical support in environment, water and sustainable development to ESCWA Member States. Contribution to planning and implementation of related capacity development activities, workshops, meetings and conferences. Support planning and implementation of ESCWA outputs, advice to senior management.

since 01/2014 **[AWARENET](#) Network Coordinator**
Coordinate activities related to the Arab Integrated Water Resources Management Network (AWARENET), a Cap-Net regional network for capacity development in sustainable water management, hosted by UN ESCWA.

since 09/2014 **[MENA NWC](#) Member of Board of Directors (in personal capacity, outside activity)**
Advise, govern, oversee policy and direction of the USAID supported Middle East North Africa Network of Water Centers of Excellence (MENA NWC).

06/2008-02/2009 **Senior Programme Officer UNW-DPC**
[UN-Water Decade Programme on Capacity Development](#)
Coordinating UNW-DPC activities in cooperation with UN-Water members and partners, contributing to enhancing the coherence, credibility and integrated effectiveness of the inter-agency mechanism UN-Water, by strengthening its capacity-development programmes.

09/2005-05/2008 **Project Coordinator in International Cooperation:**
BGR-Advisor to BMZ
[German Federal Institute for Geosciences and Natural Resources \(BGR\)](#),
[German Federal Ministry for Economic Cooperation and Development \(BMZ\)](#)
Management and Coordination of Advisory Services to BMZ:
Support to BMZ Sector Division "Water, Energy, Urban Planning" in all multilateral and bilateral issues related to water.
Developing strategic directions of the German development cooperation in the water sector, i.e. development and implementation of IWRM-oriented German water sector policy, German positioning and support to multilateral processes such as UN Water, water related activities of various UN agencies, EU Water Initiative, commenting on World Bank and other regional development bank plans related to larger water infrastructure or programme funding, climate-change-proofing of German development cooperation in water sector with regard to mitigation and adaptation measures, promoting transboundary water cooperation, implementing the recommendations of the World Commission on Dams (WCD), supporting BMZ Regional Divisions and country desks in adapting their regional and country water strategy papers to IWRM needs, approving regional and bilateral German water programmes and projects.

Management and Coordination of**Global Sector Project "Groundwater Policy Advice - Resources and Management":**

Special focus on groundwater resources and management in the framework of international water policies, development of groundwater policy concepts and strategies and their integration in international policies, support of international cooperation in the field of groundwater, commenting UN ILC draft articles on transboundary aquifers. Main issues: groundwater within IWRM, transboundary groundwater. Focus areas: Africa and Middle East.

Lecturer, [Darmstadt University of Technology](#), Darmstadt, Germany

Groundwater Resources Management - Challenges in and Cooperation with Developing Countries.

- 10/2004-08/2005 **Senior Hydrogeologist**, International Cooperation - Groundwater, [BGR](#), Hannover, Germany
Advice and conceptual development for water resources management in development cooperation.
- 05/2003-09/2004 **BGR Project Coordinator for UN ESCWA - BGR - GTZ Project "Advisory Services to ESCWA and ESCWA Member Countries in Water Resources"**, Beirut, Lebanon
Coordination of project activities in the technical cooperation with the Water Issues Team, later Water and Environment Team, UN ESCWA, project management, advisory services to partner institution.
- 08/2001-04/2003 **Research Associate**, Africa Section, [BGR](#), Hannover, Germany
Co-ordination of BGR activities in international cooperation with Africa, project management, expert discussions with partners, advice to German Federal Ministries and Federal Government, Deputy Head Africa Section.
- 08/2000-07/2001 **Project Hydrogeologist**, [Environmental Simulations International \(esi\)](#), Shrewsbury, UK
Risk assessments for disposal locations during Foot and Mouth Disease, set-up of a variable saturated vertical flow model, hydrogeological assessment of the drift cover below SSSI moors, development of a water balance program for a river catchment, software support for Groundwater Vistas, provision of training courses, hydrogeological assessment of water resources, contaminated land and waste management projects.
- 04/1998-07/2000 **Research Associate**, [Applied Geology, University of Tübingen](#), Tübingen, Germany
Modelling of Groundwater Flow Between the Cretaceous Mountain Aquifer Systems and the Jordan - Dead Sea area, Middle East, hydrogeological field investigations and water resources evaluations in Jericho area/Palestine and Kiteto District/Tanzania.
Lecturer, [Applied Geology, University of Tübingen](#), Tübingen, Germany
Quantitative Methods in Hydrogeology I.
- 02-03/1997 **Consultant Hydrogeologist**, [FAKT](#), Stuttgart, Germany
Groundwater resources evaluation, assessment of water resources management in Mudug and Nugal, Somalia.
- 01-02/1996 **Consultant Hydrogeologist**, [FAKT](#), Stuttgart, Germany
Hydrogeological consultancy for drinking water supplies, inspection of water supply techniques in Ethiopia, Somalia, Kenya and Rwanda.
- 01/1995-03/1998 **Research Assistant**, [Applied Geology, University of Tübingen](#), Tübingen, Germany
PhD Thesis: [Outcrop Analogue Studies - Implications for Groundwater Flow and Contaminant Transport in Heterogeneous Glaciofluvial Quaternary Deposits](#).
- 12/1993-11/1994 **Hydrogeologist**, Ingenieurbüro Preussner, Hamburg, Germany
Groundwater protection and resource evaluation, engineering consultancy.

EDUCATIONAL QUALIFICATIONS

- 01/1995-06/1999 Ph.D. Hydrogeology (Dr. rer. nat.): Applied Geology, University of Tübingen, Germany
- 10/1991-07/1993 Diplom-Geophysiker: Institute of Geophysics, University of Kiel, Germany
- 10/1990-09/1991 M.Sc. Hydrogeology: School of Earth Sciences, Birmingham University, UK
- 04/1989-09/1990 Institute of Geophysics, University of Kiel, Germany
- 10/1986-03/1989 Vordiplom Geophysik (intermediate exams): Institute of Geophysics, Technical University Clausthal, Germany
- 09/1978-06/1985 Abitur (A-Levels): Secondary School, Garbsen, Germany

SELECTED PUBLICATIONS, PRESENTATIONS, REPORTS

- [Klingbeil, R., 2014. State of Water, Resources and Use, Trust Building and Dialogues as Basis for Enhancing Cooperation. Presentation at the LAS, AWC, CEDARE, UN ESCWA Workshop "Advancing Hydro-Diplomacy Skills for Shared Water Resources Negotiations", 3rd Arab Water Forum, Cairo, Egypt, 12 Dec 2014.](#)
- [Klingbeil, R., 2014. Water Within Currently Proposed Sustainable Development Goals \(SDGs\). Presentation at the Water Science and Technology \(WSTA\), 11th Gulf Water Conference \(GWC\), Muscat, Oman, 20-22 Oct 2014.](#)
- [Klingbeil, R., 2014. AWARENET, the Arab Integrated Water Resources Management Network. Presentation at the Water Science and Technology \(WSTA\), 11th Gulf Water Conference \(GWC\), Muscat, Oman, 20-22 Oct 2014.](#)
- [Klingbeil, R., Al-Hamdi, M. & Majdalani, R., 2014. Water and Inter-generational Justice in the Arab Region. Presentation at the Conference on Social Water Studies in the MENA Region: State of the Art and Perspectives, German Jordanian University \(GJU\), Madaba, Jordan, 28-29 Sep 2014.](#)
- [Klingbeil, R., 2014. Managed Aquifer Recharge - Aquifer Storage and Recovery: Regional Experiences and Needs for Further Cooperation and Knowledge Exchanges. Presentation at the 41st Congress of the International Association of Hydrogeologists \(IAH\) "Groundwater: Challenges and Strategies", Marrakesh, Morocco, 15-19 Sep 2014.](#)
- [Klingbeil, R., 2014. Recent Developments at Global and Regional Level on Shared Groundwater Aquifers with a Focus on Arab Gulf Countries. Presentation at the KISR/ESCWA Workshop on Shared Groundwater Aquifers in GCC Countries, 01 Apr 2014.](#)
- [Klingbeil, R. & Byiringiro, F., 2013. Food Security, Water Security, Improved Food Value Chains for Sustainable Socio-economic Development. Paper and Presentation at the SHARAKA conference "EU-GCC Regional Security Cooperation: Lessons Learned & Future Challenges", Qatar University, Doha, Qatar, 28-29 Oct 2013.](#)
- [Klingbeil, R. & Sabran, A., 2013. Water and Sustainable Development in the Tourism Industry: Examples from the Region. Presentation at the Oman Water Society \(OWS\) "Seminar on Water for Sustainable Tourism Industry", Nizwa, Oman, 24-25 Sep 2013.](#)
- [Klingbeil, R., 2013. The Future We Want - Water and Sanitation / Environmental Management in Saudi Arabia. Policy Papers in Preparation of the Tenth Development Plan for Saudi Arabia. Report for the Ministry of Economy and Planning \(MoEP\), UN ESCWA, Beirut, Lebanon. Apr 2013.](#)
- [Klingbeil, R., 2013. Technical Cooperation in the Water Resources Sector. Presentation at the 10th meeting of the ESCWA Committee on Water Resources \(CWR\). 20-22 Mar 2013, UN ESCWA, Beirut, Lebanon.](#)
- [Klingbeil, R., 2012. Towards a System of Environmental-Economic Accounting for Water \(SEEA-Water\) in Saudi Arabia. Regional Advisor Mission to the Ministry of Water and Electricity \(MoWE\), Riyadh, 16-19 Dec 2012. Report for the Ministry of Water and Electricity \(MoWE\), UN ESCWA, Beirut, Lebanon. Dec 2012.](#)
- [Klingbeil, R., 2012. Proposals for Strengthening National Water Demand Management in Bahrain. Review of Efforts for National Water Demand Management in Bahrain, Regional Advisor Mission to the Electricity and Water Authority \(EWA\), Bahrain, 03-08 Nov 2012. Report for the Electricity and Water Authority \(EWA\), UN ESCWA, Beirut, Lebanon. Dec 2012.](#)
- [Klingbeil, R., 2012. Groundwater and Water Management Issues in the Middle East. Presentation, 08 Nov 2012, Arabian Gulf University, Bahrain.](#)
- [Klingbeil, R., 2012. Towards the Palestine Common Water Information Center: PCWIC. Presentation at a national coordination meeting for the Common Water Information Center in Palestine. Palestinian Water Authority, Ramallah, 03 Jun 2012.](#)
- [Klingbeil, R., 2012. Water Management Challenges Under Drought Conditions. Presentation at the "Consensus Building and Awareness Workshop, Iraq Drought Risk Management Project", joint workshop of Government of Iraq, UNDP, UNESCO and UN ESCWA, 26-28 Mar 2012, Beirut, Lebanon.](#)
- [Klingbeil, R., 2011. UN General Assembly Resolution 63/124 - "The law of transboundary aquifers": Status and Recent Developments. Presentation at the Second Intergovernmental Consultative Meeting on the Draft Legal Framework for Shared Groundwater Resources in the Arab Region, 13-14 Dec 2011, Beirut, Lebanon.](#)
- [Klingbeil, R., 2011. Sustainable Development \(SD\) at Global and Regional Levels. Presentation at the "National Workshop on Strengthening Integration of Sustainable Development into National Development Planning for the Kingdom of Saudi Arabia", 21-22 Nov 2011, Riyadh, Saudi Arabia.](#)
- [Klingbeil, R., 2011. Treated Sewage Effluent as a Resource for Urban Planning. Presentation at the National Workshop on Treated Sewage Effluent \(TSE\) and its Utilization in the Kingdom of Bahrain, 26 Oct 2011, Manama, Bahrain.](#)
- [Klingbeil, R., 2011. Boron Concentrations in Desalinated Water: A Real Threat? Review of Health Issues, Technical Aspects and International Guidelines. Presentation at the WHO IWA PAEW "Regional Water Safety Plan Conference - Middle East and North Africa Region", 10-12 Oct 2012, Muscat, Oman.](#)
- [Klingbeil, R., 2010. Remote Sensing in Environmental Hazard Mitigation: Examples from ESCWA region. Presentation at the "Regional Workshop on Application of GIS and Remote Sensing in Water Resources Management", 19-22 Dec 2010, Muscat, Oman.](#)
- [Klingbeil, R., & Al-Hamdi, M.I., 2010. Transboundary Water and Transboundary Aquifers in the Middle East: Opportunities for Sharing a Precious Resource. Presentation and paper at the International Conference on Transboundary Aquifers - Challenges and New Directions \(ISARM 2010\), 06-08 Dec 2010, UNESCO, Paris, France.](#)
- [Klingbeil, R., 2009. Transboundary Water and Transboundary Aquifers in the Middle East: Opportunities for Sharing a Precious Resource. Presentation at the Seminar "Sharing an Invisible Water Resource for the Common Good: How to Make Use of the UN General Assembly Resolution on the Law of Transboundary Aquifers", 2009 Stockholm World Water Week, 20 Aug 2009, Stockholm, Sweden.](#)
- [Polak, M., Klingbeil, R. & Scheumann, W., 2007. Grenzüberschreitende Grundwasserressourcen: Ansätze für ein kooperatives Management auf dem afrikanischen Kontinent \[Transboundary Groundwater Resources: Approaches for a Cooperative Management on the African Continent\]. Presentation, Conference "Wasser - Konfliktstoff des 21. Jahrhunderts?", 01-03 Jun 2007, Freiburg, Germany.](#)
- [Polak, M., Klingbeil, R. & Struckmeier, W., 2007. Strategies for the Sustainable Management of Non-renewable Groundwater Resources. Policy Paper. Arabic, English & German Version, BGR, Hannover, Germany.](#)
- [Klingbeil, R., 2006. BMZ Wassersektorpolitik: Wasser - Schwerpunkt deutscher EZ \[BMZ Water Sector Policy: Water - Focal Area of German Development Cooperation\]. Presentation for BMZ, GTZ Sector Meeting MEN-REM, 04-07 Nov 2006, Dead Sea, Jordan.](#)
- [Klingbeil, R., 2006. Transboundary Water Cooperation, BMZ. Transboundary Groundwater - Challenges and Ways Forward - Middle East and North Africa, BGR. Presentations, WATMED3, 3rd Int. Conf. on Water Resources in Mediterranean Basin, 01-03 Nov 2006, Tripoli, Lebanon.](#)
- [Klingbeil, R. & Struckmeier, W., 2005. Why Transboundary River Basin Management is Not Enough to Overcome the Challenges in Water-Scarce Regions. Presentation, Workshop "Value of Water - Different Approaches in Transboundary Water Management", 10-11 Mar 2005, Koblenz, Germany.](#)
- [Klingbeil, R. & Buss, S., 2002. Groundwater Protection in the Time of Foot and Mouth Disease. Hydrogeological Risk Assessment at Proposed "Burn and Bury" Sites. Presentation, Biannual Meeting of the Fachsektion Hydrogeologie der Deutschen Geologischen Gesellschaft \[Section Hydrogeology of the German Geological Society\], 09-11 May 2002, Greifswald, Germany.](#)
- [Klingbeil, R., 2002. Krieg um Wasser? - Geowissenschaftliche Beiträge zum Verständnis des Wasserkonflikts im Nahen Osten \[Water Wars? - Geoscientific Contributions to the Understanding of the Water Conflict in the Middle East\]. Presentations, school visits as contribution to the Jahr der Geowissenschaften \[Year of the Geosciences\], Apr 2002, Leer, Garbsen, Torgelow, Germany.](#)
- [Klingbeil, R., Kleinedam, S., Aspiron, U., Aigner, T. & Teutsch, G., 1999. Relating Lithofacies to Hydrofacies: Outcrop-Based Hydrogeological Characterisation of Quaternary Gravel Deposits. Sedimentary Geology, 129 \(3-4\), pp. 299-310.](#)
- [Klingbeil, R., 1998. Outcrop Analogue Studies - Implications for Groundwater Flow and Contaminant Transport in Heterogeneous Glaciofluvial Quaternary Deposits. Dissertation. Tübinger Geowissenschaftliche Arbeiten \(TGA\), C, No 43, Applied Geology, Eberhard-Karls-Universität Tübingen, Germany.](#)