

Curriculum Vitae

Sabine Hoffmann (Dr.)

1. Current Position

Group Leader Transdisciplinary Research
Swiss Federal Institute of Aquatic Science and Technology (Eawag)

2. Education

2013 CAS Research Management
University of Bern, Center for Continuing Education, Switzerland

2010 PhD in Development Studies
Graduate Institute of International and Development Studies (IHEID), Geneva

2004 MAS in Development Studies
Graduate Institute of Development Studies (GIDS, today IHEID), Geneva, Switzerland

2001 MAS in Development and Cooperation
Swiss Federal Institute of Technology (ETHZ), Zurich, Switzerland

1997 MSc in Geoecology
University of Bayreuth, Germany

3. Professional and Academic Experience

2018 – present Group Leader Transdisciplinary Research

2015 – present Head of the Strategic Research Program Wings (Water and sanitation innovations for non-grid solutions)

2015 – 2017 Group Leader (Tenure Track) Transdisciplinary Research
Swiss Federal Institute of Aquatic Science and Technology, Eawag, Switzerland
Environmental Social Sciences, ESS

2013 – 2014 Scientist
Swiss Federal Institute of Aquatic Science and Technology, Eawag, Switzerland
Water Resources and Drinking Water, W+T

2010 – 2012 Post-Doctoral Researcher
Swiss Federal Institute of Aquatic Science and Technology, Eawag, Switzerland
Water Resources and Drinking Water, W+T

2005 – 2006 Consultant
International Secretariat for Water, ISW, Strasbourg, France

2002 – 2003 Scientist
Higher University San Andres, UMSA, La Paz, Bolivia, within the Swiss National Centre of Competence in Research, NCCR, North-South

2001 – 2002 Consultant
German Agency for International Cooperation, GIZ, La Paz, Bolivia

1999 – 2001 Consultant
Swiss Agency for Development and Cooperation, SDC, La Paz, Bolivia

1997 – 1998 Consultant
Gesellschaft zur Erfassung und Bewertung von Umweltdaten, EMC, Erfurt, Germany

4. Prizes, awards, fellowships

- 2015 Swiss-Academies Award for transdisciplinary research in the category 'early career achievement' for the project 'Knowledge integration for sustainable urban water management'
- 2004 – 2008 PhD Scholarship from the NCCR North-South, funded by the Swiss National Science Foundation, SNSF, and the Swiss Agency for Development and Cooperation, SDC
- 1992 – 1997 Academic Scholarship from the Protestant Academic Foundation Villigst

5. Publications

Publications in international peer-reviewed scientific journals

POHL Christian, FAM Dena, **HOFFMANN Sabine**, MITCHELL Cynthia, "Exploring Julie Thompson Klein's Framework for Analysis of Boundary Work," *Issues in Interdisciplinary Studies*, 2019, Vol. 37(2), pp. 62-90.

HOFFMANN Sabine, THOMPSON KLEIN Julie, POHL Christian, "Linking transdisciplinary research projects with science and practice at large : Introducing insights from knowledge utilisation", *Environmental Science & Policy*, 2019, 102, 36-42.

HITZIGER Martin, ARAGRANDE Maurizio, BEREZOWSKI John, CANALI Massimo, DEL RIO VILAS Victor, **HOFFMANN Sabine**, IGREJAS Gilberto, KEUNE Hans, LUX Alexandra, MIEGHAN Bruce, PALENBERG Markus, POHL Christian, RADESKI Miroslav, RICHTER Ina, ROBLEDO Carmenza, SALERNO Roberto, SAVIC Sara, SCHIRMER Janina, VOGLER Barbara, RUEGG Simon, "EVOLVINC: EValuating knOWledge INtegration Capacity in multi-stakeholder governance", *Ecology & Society*, 2019, 24 (2).

MAAG Simon, ALEXANDER J Timothy, KASE Robert, **HOFFMANN Sabine**, "Indicators for Measuring the Contributions of Individual Knowledge Brokers", *Environmental Science & Policy*, 2018, 89, 1-9.

HOFFMANN Sabine, POHL Christian, HERING G. Janet, "Exploring transdisciplinary integration within a large research program: empirical lessons from four thematic synthesis processes", *Research Policy* 46 (3), 2017, pp. 678-692.

HOFFMANN Sabine, POHL Christian, HERING Janet, "Methods and procedures of transdisciplinary knowledge integration: empirical insights from four thematic synthesis processes", *Ecology & Society* 22 (1), 2017.

HOFFMANN Sabine, "Transdisciplinary knowledge integration within large research programs", *GAIA* 25 (3), 2016, pp. 201-203.

HOFFMANN Sabine, "Property, Possession, and Natural Resource Management: Towards a Conceptual Clarification", *Journal of Institutional Economics*, 9 (1), 2013, pp. 39-60.

HERING Janet, **HOFFMANN Sabine**, MEIERHOFER Regula, SCHMID Martin, PETER Armin, "Assessing the societal benefits of applied research and expert consulting in water science and technology", *GAIA*, 21 (2), 2012, pp. 95-101.

HOFFMANN Sabine, "Hacia una (re)conceptualización de ciudadanía", *T'inkazos. Revista boliviana de ciencias sociales*, No. 18, 2005, pp. 81-91.

HOFFMANN Sabine, "Participation citoyenne à la construction des espaces publics : Les diverses pratiques et conceptions autour de la gestion de l'eau à Cochabamba, Bolivie", *Bulletin d'études bolivianistes LAZOS*, No. 7, Paris, Université Paris X-Nanterre, 2005, pp. 69-76.

BLODAU Christian, PEINE Ariane, **HOFFMANN Sabine**, PEIFFER Stefan, "Organic matter diagenesis in acidic mining lakes", *Hydrochim. Hydrobiol. Acta*, No. 28, 2000, pp. 123-135.

BLODAU Christian, **HOFFMANN Sabine**, PEINE Ariane, PEIFFER Stefan, "Iron and sulfate reduction in the sediments of acid mine lakes 116 (Brandenburg, Germany): Rates and geochemical evaluation", *Water Air Soil Pollution*, No. 108, 1998, pp. 249-270.

Monographs:

HOFFMANN Sabine, ROZO Bernardo, TAPIA Luis, VIAÑA Jorge, *La (re)construcción de lo público. Movimiento social, ciudadanía y gestión de agua en Cochabamba, Muela del Diablo, La Paz*, 2006, 289 p.

Book chapters :

HOFFMANN Sabine, “Gemeinsames staatlich-kollektives Wassermanagement in Cochabamba, Bolivien”, Schweizerisches Jahrbuch für Entwicklungspolitik. Öffentlich-private Partnerschaften und internationale Entwicklungszusammenarbeit, Band 24, Nr. 2, iuéd, Genf, 2005 pp. 183-194. (also in French)

Review articles in international peer-reviewed journals

LARSEN Tove, **HOFFMANN Sabine**, LÜTHI Christoph, TRUFFER Bernhard, MAURER Max, “Emerging solutions to water challenges of an urbanizing world”, *Science*, 352 (6388), 2016, pp. 928-933.

Peer-reviewed conference proceedings

HOFFMANN Sabine, MAAG Simon, ALEXANDER J Timothy, KASE Robert (2019). Indicators for measuring the contributions of individual knowledge brokers. In *Science of Team Science (SciTS) Conference*, Michigan State University, Lansing, USA.

HOFFMANN Sabine (2018). Das Forschungsprogramm Wings. In *Infotag 2018 – Abwasser als Resource – Zukunftsweisende Technologien zur Rückgewinnung von Nährstoffen*, Eawag, Dübendorf, Switzerland.

HOFFMANN Sabine, POHL Christian, HERING Janet (2017). Exploring transdisciplinary integration : Empirical lessons from four thematic synthesis processes. In *International Transdisciplinarity (ITD) Conference, Transdisciplinary Research and Education – Intercultural Endeavours*. Leuphana University Lüneburg, Germany.

HOFFMANN Sabine (2016). Methods and procedures of knowledge integration: empirical insights from four thematic synthesis processes. In *What Works Global Summit 2016: Putting evidence to work for better policies, programmes and practice*. London, UK.

HOFFMANN Sabine, HERING Janet, POHL Christian (2015). Methods and procedures of knowledge integration: insights from the National Research Program (NRP 61) on Sustainable Water Management. In *International Transdisciplinarity (ITD) Conference*. Network for Transdisciplinary Reseach. Basel, Switzerland.

HOFFMANN Sabine, POHL Christian, HERING Janet (2014). Methods of inter- and transdisciplinary knowledge integration: Insights from the NRP 61 synthesis process. In *Conférence Suisse Inter- et Transdisciplinarité - Forschungsmethoden neu denken? Wandel gängiger Praktiken, Entwicklung neuer Tools*. Institut Universitaire Kurt Bösch and Network for Transdisciplinary Reseach. Bramois, Switzerland ;

Oral contributions to conferences and workshops (selected)

HOFFMANN Sabine, KLEIN THOMPSON Julie, POHL Christian, “ Closing the project-to-science-and-practice-at-large-gap : Introducing insights from knowledge utilization? ”, *International Transdisciplinarity (ITD) Conference*, 10-13 September 2019, Gothenburg, Sweden.

HOFFMANN Sabine, “Is there a new profession of integration experts/specialists on the rise? ”, *International Transdisciplinarity (ITD) Conference*, 10-13 September 2019, Gothenburg, Sweden.

HOFFMANN Sabine, MAAG Simon, ALEXANDER J Timothy, KASE Robert: “Indicators for Measuring the Contributions of Individual Knowledge Brokers”, *Science of Team Science (SciTS) Conference* organized by Michigan State University, 20-23 May 2019, Lansing, USA.

HOFFMANN Sabine : “Transdisziplinäre Integration in grossen Forschungsprogrammen : Empirische Erkenntnisse aus vier Syntheseprozessen”, Distinguished Lecture Series organized by UFZ, 28 Jan 2019, Leipzig, Germany; **invited speaker**.

HOFFMANN Sabine : “Indicators for Knowledge Brokers”, International Workshop organized by ISOE, 25 Oct 2018, Frankfurt, Germany ; **invited speaker**.

HOFFMANN Sabine : “Non-grid solutions for the future of urban water management ?”, International Workshop organized by Eawag, Monte Verità Conference Centre ‘Congressi Stefano Franscini,’ 14-17 March 2018, Ascona, Switzerland; **main organizer**.

HOFFMANN Sabine : “Systems thinking for sustainable urban water management”, *Stockholm World Water Week 2017 : Water and waste – reduce and reuse*, organized by SIWI, 27 Aug-1 Sept 2017, Stockholm, Sweden; **invited keynote speaker**.

HOFFMANN Sabine, HERING Janet, LÜTHI Christoph, ZURBRÜGG, Christian : “Wings : Develooping non-grid water and sanitation solutions for urban areas”, *Stockholm World Water Week 2017 : Water and waste – reduce and reuse*, organized by SIWI, 27 Aug-1 Sept 2017, Stockholm, Sweden; **invited speaker**.

HOFFMANN Sabine, POHL Christian, HERING Janet : “Exploring transdisciplinary integration : Empirical lessons from four thematic synthesis processes”, *International Transdisciplinarity (ITD) Conference organized by Leuphana University and td-net*, 11-14 September 2017, Lüneburg, Germany.

HOFFMANN Sabine, KLEIN THOMPSON Julie, POHL Christian : “Indicators of and factors for successful transdisciplinary research”, *COST Action TD 1404 Workshop ‘Transdisciplinary Research Evaluation: from Methodological Challenges to Indicator Definition’* organized by the EU COST funded project Network for Evaluation of One Health (NEOH), 22-23 June 2017, Zurich, Switzerland; **invited speaker**.

HOFFMANN Sabine: “Methods and procedures of knowledge integration: empirical insights from four thematic synthesis processes”, *What Works Global Summit 2016: Putting evidence to work for better policies, programmes and practice*, 26-28 Sept 2016, London, UK.

HOFFMANN Sabine, Roundtable “Wie identifizieren wir Wirkung in der Forschungsförderung“ organized by Arbeitskreis Bildung Forschung und Innovation (AK BFI), 23 June 2016, Zurich, Switzerland ; **invited speaker**.

HOFFMANN Sabine, HERING Janet, POHL Christian: “Methods and procedures of knowledge integration: insights from the National Research Program (NRP 61) on Sustainable Water Management, *International Transdisciplinarity (ITD) Conference* organized by td-net, 8-10 September 2015, Basel, Switzerland.

HOFFMANN Sabine: “Typology of researcher’s roles in inter- and transdisciplinary research”, *Knowledge and Technology Transfer Workshop*, organized by U. Wieland (SCCER-SoE), 10 March 2015, ETH Zurich, Switzerland.

HOFFMANN Sabine, POHL Christian, HERING Janet: “NFP 61 Begleitforschung – Formative Evaluation des Syntheseprozesses”, *Workshop Associated Research*, organized by SNSF, 2 February 2015, Berne, Switzerland.

HOFFMANN Sabine, POHL Christian, HERING Janet: “NFP 61 Begleitforschung - Wissensintegration im Syntheseprozess”, *Annual Conference of the SNSF Programmes Division IV* organized by SNSF, 25 November 2014, Berne, Switzerland ; **invited speaker**.

HOFFMANN Sabine, MAURER Max : “Wachsender Siedlungs- und Nutzungsdruck”, NRP 61 Final Conference, organized by NRP 61 and SNSF, 4 November 2014, Berne, Switzerland ; **invited speaker**.

HOFFMANN Sabine, POHL Christian, HERING Janet: “Methods of inter- and trans-disciplinary knowledge integration: insights from the NRP 61 synthesis process”, *Conférence Suisse Inter- et Transdisciplinarité - Forschungsmethoden neu denken? Wandel gängiger Praktiken, Entwicklung neuer Tools*, organised by Institut Universitaire Kurt Bösch (IUKB) and Network for Transdisciplinary Reseach (td-net), 30 June 2014, Bramois, Switzerland ; **invited keynote speaker**.

HOFFMANN Sabine, POHL Christian, HERING Janet: “NFP 61 Begleitforschung: Methoden der inter- und transdisziplinären Wissensintegration im NFP 61 Syntheseprozess”, *NRP 61 Final Meeting*, organised by NRP 61 and SNSF, 15 October 2013, Thun, Switzerland.

HOFFMANN Sabine, MAURER Max: HUNKELER Daniel : “Thematische Synthese 3: Nachhaltige Wasserversorgung und Abwasserentsorgung in der Schweiz : Herausforderungen und Handlungsoptionen”, *NRP 61 Final Meeting*, organised by NRP 61 and SNSF, 15 October 2013, Thun, Switzerland.

Practice-oriented synthesis reports or papers (published)

MAURER MAX, **HOFFMANN Sabine**, “Sanierungsfall Abwassersystem“, *Die Volkswirtschaft*, 2019, 6, 12-15.

HOFFMANN Sabine, HUNKELER Daniel, MAURER Max: *Nachhaltige Wasserversorgung und Abwasserentsorgung in der Schweiz: Herausforderungen und Handlungsoptionen*. Thematische Synthese 3 im Rahmen des Nationalen Forschungsprogramms NFP 61 «Nachhaltige Wassernutzung», Bern, 2014, 83 p. (also in French)

HOFFMANN Sabine, The implementation of the right to water and sanitation in Central and Eastern Europe, SEE, Strasbourg, 2006, 24 p. (also in French and Spanish)

6. Organization of international and national workshops

- 2019 International workshop 'Is there a new profession of integration specialists/experts on the rise?' at the International Transdisciplinarity Conference (ITD) 2019 (Gothenburg, 10-13 Sept 2019)
- 2018 International workshop 'Non-grid solutions for the future of urban water management' at the Monte Verità Conference Centre 'Congressi Stefano Franscini' (Ascona, 14-17 March 2018)
- 2017 International showcase 'Wings: Develooping non-grid water and sanitation solutions for urban areas' at the Stockholm World Water Week (Stockholm, 27-31 Aug 2017)
- 2017 National workshop 'Dezentrale (Ab-)Wasserinfrastrukturen: Eine realistische Lösung?' at the eco.naturkongress (Basel, 31 Mar 2017)
- 2015 NRP 61 workshop 'Formative evaluation of the NRP 61 synthesis process' at SNSF (Berne, 2 Feb 2015)

7. Memberships in panels and boards and individual reviews

- 2017 – present Reviewer on the international Panel of Experts for the Helmholtz Association of German Research Centres (HGF) to assess pre- and full proposals focusing on 'Knowledge Transfer', 27-28 Nov 2017, 6-7 Dec 2018, 29 May 2019 and 'Citizen Science', June 5, Berlin, Germany.
- 2017, 2019 Member of the Strategic Board of the International Transdisciplinarity Conference (ITD) 2017, 11-14 Sept 2017, Lüneburg, Germany and of the Programme Board of the ITD 2019 in Gothenburg, 10-13 Sept 2019.
- 2017 Reviewer on the international Panel of Experts for the Belmont Forum-NORFACE Transformations to Sustainability (T2S) Programme to assess pre-proposals; 12-13 June, 2017, Washington, USA. (at the suggestion of the SNSF)
- 2016 – 2018 Member of the expert platforms established by the Institute for Social-Ecological Research (ISOE) to validate preliminary research results of the ongoing project Effective Transdisciplinary Research (TransImpact), Frankfurt, Germany.
- 2015 – 2017 Member of the advisory group set up by the Swiss Federal Office for the Environment (FOEN) to support the implementation of the Postulat Walter Nr. 10.3533 „Umgang mit lokaler Wasserknappheit in der Schweiz", Berne, Switzerland.
- 2013 – present Reviewer for Research Policy, Environmental Science & Policy, Ecosystem Services, Regional Environmental Change, Ecology & Society, Interdisciplinary Science Reviews, Sustainability Science, GAIA - Ecological Perspectives for Science and Society, Hydrologie & Wasserwirtschaft.

8. Technology and knowledge transfer activities

- 2015 – present Co-founder and facilitator of the Community of Practice for project/program/center managers at Swiss research institutes and universities, responsible for knowledge and technology transfer in Swiss energy and water research (4 one day meetings per year)
- 2015 – present Founder and facilitator of the Community of Practice for project/program/platform managers at Eawag and the Centre Ecotox, responsible for knowledge exchange at the interface between science and practice (4 half day meetings per year)
- 2016 Round table expert on evaluation of research outcomes, organized by the Association of Swiss Grant-Making Foundations (SwissFoundations). March 23, Zurich, Switzerland.
- 2012 Organizer of the PEAK Symposium 'Herausforderungen einer nachhaltigen Wasserwirtschaft' at Eawag. September 12, 2012, Dübendorf, Switzerland.