

Curriculum Vitae, Dr. Sabine Hoffmann

1. Current Position

Group Leader Inter- and Transdisciplinary Research (ITD)
Environmental Social Sciences Department (ESS)
Swiss Federal Institute of Aquatic Science and Technology (Eawag)

Associate Transdisciplinary Lab (TdLab)
Department of Environmental Systems Science (D-USYS)
Swiss Federal Institute of Technology Zurich (ETHZ)

2. Education

2013 CAS in Research Management, University of Berne, Switzerland
2010 PhD in Development Studies, Graduate Institute (IHEID), Geneva, Switzerland
2004 MAS in Development Studies, IHEID, Geneva, Switzerland
2001 MAS in Development and Cooperation, ETHZ, Zurich, Switzerland
1997 MSc in Geoecology, University of Bayreuth, Germany

3. Employment history

2023 – present Lecturer at D-USYS, ETHZ
2021 – present Associate Transdisciplinary Lab (TdLab), D-USYS, ETHZ
2018 – present Group Leader Inter- and Transdisciplinary Research, ESS, Eawag
2015 – 2022 Head of the Strategic Inter- and Transdisciplinary Research Program Wings, Eawag
2015 – 2017 Group Leader Inter- and Transdisciplinary Research (Tenure Track), ESS, Eawag
2010 – 2014 Post-Doctoral Researcher, Water Resources and Drinking Water (W+T) Department, Eawag
2005 – 2006 Consultant, International Secretariat for Water (ISW), Strasbourg, France
2004 – 2010 PhD Student, NCCR North-South, IHEID, Geneva, Switzerland
2002 – 2003 Researcher, Higher University San Andres (UMSA), La Paz, Bolivia
2001 – 2002 Consultant, German Agency for International Cooperation (GIZ), La Paz, Bolivia
1998 – 2001 Consultant, Swiss Agency for Development and Cooperation (SDC), La Paz, Bolivia
1997 – 1998 Consultant, Gesellschaft zur Erfassung + Bewertung von Umweltdaten (EMC), Erfurt, Germany

4. Approved research projects

2024 – 2025 Accompanying Research to the Joint Initiatives 'Dialog with Society', funded by ETH Board (Michael Hengartner); Main applicant; 250'000 CHF (PostDoc)
2023 – 2025 Inter- and transdisciplinary integration at the interface between science, policy and practice, funded by ETH Domain (BGB Research Initiative); Main applicant; 220'000 CHF (PostDoc)
2023 – 2025 Evidence-based dialogue on trade-offs in wicked societal problems (ENGAGE), funded by ETH Domain (Joint Initiative); Project partner; CHF 4'253'000 (Scientific Assistant)
2023 – 2025 Jurapark Aargau as Real-world Lab for Sustainable Development (JURAPARK), funded by ETH Domain (Joint Initiative); Co-applicant; CHF 1'500'000
2022 – 2025 Transformation toward resilient ecosystems: Bridging natural and social sciences (TREBRIDGE), funded by SNSF (Sinergia); Co-applicant; CHF 2'302'162 (PostDoc).
2021 – 2024 Evidenced-based transformation and pesticide governance (TRAPEGO), funded by SNSF (Sinergia); Project partner; CHF 3'096'295 (PostDoc).
2020 – 2024 Lead ITD! Exploring integrative leadership in inter- and transdisciplinary research, funded by Eawag Discretionary Funds; Main applicant; CHF 179'043 (PhD).
2019 – 2020 Proto Synthesis Visitor, Synthesizing the outcomes of inter- and transdisciplinary research projects and programs, funded by Eawag Discretionary Funds; Co-applicant; CHF 81'454.
2018 – 2022 Wings Phase II, Water and sanitation innovations for non-grid solutions, funded by Eawag Discretionary Funds; Main applicant; CHF 1'351'423 (Scientific Assistant)

2016 – 2018	Wings Phase I, Water and sanitation innovations for non-grid solutions, funded by Eawag Discretionary Funds; Main applicant; CHF 265'714 (Scientific Assistant)
2012 – 2014	Thematic Synthesis 3 on sustainable urban water and wastewater management in Switzerland, funded by SNSF; CHF 103'616.
2013 – 2014	Methods of inter- and transdisciplinary integration within the NRP 61 synthesis processes, funded by SNSF; CHF 55'768.
2005 – 2006	Synthesis on the implementation of the right to water and sanitation in Central and Eastern Europe, funded by ISW; Main applicant; CHF 30'000.
2003 – 2004	PAMS No SAM-4, Drinking water system for the community 'Habitat para la mujer Maria Auxiliadora'; Partnership Actions for Mitigating Syndromes Programme of the NCCR North-South, funded by SNSF and SDC; Main applicant; CHF 65'350.
2002 – 2003	NCCR North-South-IP8, Movimientos sociales, ciudadanía y nuevas formas de gestión de los servicios de agua potable; IP8 Human Development, Governance and Ethics of the NCCR North-South funded by SNSF and SDC; Co-applicant; CHF 36'250.

5. Supervised students

PhD Student	Rachel Claus. "Understanding the application of quality criteria in international research for development proposal peer review." Royal Roads University/University of Tasmania/Eawag. Co-Supervisor. To be completed 2026.
PhD Student	Hanna Salomon. "Temporal analysis of multidimensional interdisciplinary integration within an ITD researcher team." ETH Zurich/Eawag. Supervisor. To be completed 2027.
PhD Student	Lisa Deutsch. "Practicing integration in inter- and transdisciplinary research: The role of enabling structures and integrative leadership." ETH Zurich/Eawag. Supervisor. Completed 2024.
MSc Student	Hanna Salomon. "Toward resilient ecosystems: An analysis of the opportunities and challenges of science integration and researchers' roles". ETH Zurich/Eawag. Supervisor. Completed 2023.
BSc Student	Jan Streit. "The emerging profession of integration experts". ETH Zurich/Eawag. Supervisor. Completed 2021.
MSc Student	Léa Pascal. "Local perceptions of ecosystem services in the context of forest restoration in the Atlantic forest, Brazil." External Examiner. EPFL. Completed 2019.
MSc Student	Isabelle Pasche. "La gestion communautaire de l'eau dans la ville de Cochabamba (Bolivie): Utopie ou réalité d'un modèle d'administration efficace et solidaire?". Co-Supervisor. University of Lausanne. Completed 2007.

6. Awards and fellowships

2023	Global Science Film Festival nomination in the category 'Best Short Film 2023' for the short film 'Verheberts: Ein ressourcen-orienter Apéro'
2022	Eawag Symposium Best-Poster-Award for the poster 'A kind of magic? Advancing inter- and transdisciplinary research through integrative leadership'
2022	Fellowship from the tdAcademy to explore societal change processes towards sustainability at the Center for Technology and Society (ZTG, TU Berlin)
2021	Science of Team Science (SciTS) Conference Award in the category 'splash talk' for the presentation 'The emerging profession of integration experts'
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 National Centre of Competence in Research (NCCR) North-South
1992 – 1997	Academic Scholarship from the Protestant Academic Foundation Villigst

7. Memberships in panels and boards and individual scientific reviewing activities

2023 – 2025	Elected member of the Scientific Advisory Board of the Network for Transdisciplinary Research (td-net) of the Swiss Academies of Arts and Sciences (a+), Bern, Switzerland.
2023 – 2025	Member of the Advisory Group REDIRO set up by the Platform Science and Policy (Platform SAP) of the Swiss Academy of Sciences (SCNAT), Bern, Switzerland.

2022 – 2024	Elected member of the tdAcademy Steering Committee representing the group of Supporting Partners, Germany.
2021	Reviewer to assess ‘Exploration Projects’ within the Grand Challenge Initiative Global Health of the Berlin University Alliance, Berlin, Germany.
2020 – 2022	Member of the ‘Gridless Initiative’ Advisory Board set up by the Stockholm Environment Institute, Stockholm, Sweden.
2020 – 2021	Member of the Expert Network ‘Berliner Runde - Future Food Production’ set up by Rainer Spiering, Member of the German Parliament, Berlin, Germany.
2018 – 2023	Member of the Expert Platform ‘Measure the Contributions of Research for Practice and Society (SynSICRIS)’ led by the University of Kassel-Witzenhausen, Germany.
2018 – 2020	Guest Editor of the Special Issue ‘City-Wide Sanitation: The Urban Sustainability Challenge’, Frontiers in Environmental Science Journal.
2018	Member of the ‘Creative Team’ established by SNSF to restructure Swiss National Research Programs (NRPs), Berne, Switzerland.
2017 – 2020	Reviewer on the international Panel of Experts for the Helmholtz Association of German Research Centers (HGF) to assess ‘Knowledge Transfer Projects’, Berlin, Germany.
2017 – present	Member of the Strategic Board of the International Transdisciplinarity (ITD) Conference 2017 in Lüneburg, Germany; 2019 in Gothenburg, Sweden; 2021 in Zurich, Switzerland; 2024 in Utrecht, Netherlands.
2017	Reviewer on the international Panel of Experts for the Belmont Forum-NORFACE Transformations to Sustainability Programme to assess pre-proposals, Washington, USA.
2016 – 2018	Member of the TransImpact Expert Platform led by ISOE, Frankfurt, Germany.
2015 – 2017	Member of the Advisory Group set up by FOEN to implement the Postulat Walter Nr. 10.3533 ‘Umgang mit lokaler Wasserknappheit in der Schweiz’, Berne, Switzerland.
2013 – present	Reviewer for Ecology & Society, Ecosystem Services, Environmental Science & Policy, Frontiers in Environmental Science, GAIA, Health Research Policy and Systems, Humanities and Social Sciences Communications, Hydrologie & Wasserwirtschaft, Interdisciplinary Science Reviews, Minerva, Nature Sustainability, Regional Environmental Change, Research Evaluation, Research Policy, Sustainability Science.

8. Active memberships in scientific societies

2023 – present	Gesellschaft für Transdisziplinäre und Partizipative Forschung (GTPF), Germany
2022 – present	Co-Leader of the Global Alliance for Inter- and Transdisciplinarity (ITD Alliance) Working Group ‘Integration Experts and Expertise’
2021 – present	Liaison for Eawag vis-à-vis the Global Alliance for Inter- and Transdisciplinarity (ITD Alliance)
2020 – present	Liaison for Eawag vis-à-vis the tdAcademy led by ISOE, Leuphana University, ZTG (TU Berlin), Öko-Institute, Germany
2018 – present	International Network for the Science of Team Science (INSiTS)

9. Organization of international and national workshops and exhibitions

2024	International workshop “Herding Cats»: Integrative Führungsstrategien in inter- und transdisziplinären Forschungsprogrammen“, PartWiss24 (Berlin, 4-6 Dec)
2024	Workshop “Inter- and transdisciplinary integration matters! Strengthening integration expertise and creating related career paths“, PhD and PostDoc Association, Paul Scherer Institut (Villigen, 14 Nov)
2024	International workshop “Transformation of universities for promoting inter- and transdisciplinary research and education culture. A practice-oriented workshop“, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
2024	International workshop “Exploring integration experts’ creative and supportive contributions to inter- and transdisciplinary research“, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
2024	International workshop “A Typology of Integration Experts to Clarify Functions and Positions“, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)

- 2024 International workshop “Roles of researchers in inter- and transdisciplinary research: An interactive application of a new mapping and reflection tool”, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
- 2024 International workshop “Integrative Teaching and Learning: How to design and implement integration in your course”, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
- 2024 International poster exhibition “How is integration integrated in higher education? A poster exhibition of innovative teaching and learning formats across different regions”, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
- 2024 International cartoon exhibition “Scenes from inter- and transdisciplinary research: A cartoon exhibition on how to make sure that integration fails”, International Transdisciplinarity (ITD) Conference (Utrecht, 4-8 Nov)
- 2024 International workshop “Integration in Science, Policy and Practice”, Sentinel North, Laval University (Quebec, 9 Oct)
- 2024 International workshop “Interdisciplinarity and Science and Technology Studies”, Institute for the Study of Science, Technology and Innovation (ISSTI), (Edinburgh, 22 May)
- 2024 International workshop “The role(s) of integration experts”, ITD Alliance Working Group (Online, 6 Feb)
- 2023 – present International workshop “Teaching and Learning Formats on Integration”, ITD Alliance Working Group (Online, 26 May and 20 Nov 2023, 19 Jan, 20 Feb and 10 Jun 2024)
- 2023 International workshop “Action-oriented knowledge for making inter- and transdisciplinary integration happen in practice”, Radboud Conference on Earth System Governance (Nijmegen, 25 Oct).
- 2023 International kick-off workshop “Towards a Theory of Change to institutionalise Integration Experts and Expertise in the Netherlands”, ITD Alliance Working Group (Utrecht, 23 Oct)
- 2023 National workshop “Erfolgreicher Dialog an der Schnittstelle zwischen Wissenschaft und Politik (Dübendorf, 21 Jun)
- 2023 International kick-off workshop of the ITD Alliance Working Group on Integration Experts and Expertise, ITD Alliance Working Group (Online, 15-16 Mar)
- 2023 International workshop “Towards a Theory of Change for Integration Experts and Expertise”, ITD Alliance Working Group (Aeschiried, 7-10 Feb)
- 2021 International workshop “Enabling conditions for inter- and transdisciplinary integration: Commonalities and differences across geographical regions”, International Transdisciplinarity (ITD) Conference (Online, 13-17 Sep).
- 2021 International workshop “Potentials and limitations of Theory of Change (ToC) - Systematizing experiences and ways forward”, ITD Conference (Online, 13-17 Sep).
- 2021 International workshop “Cross-academic community reflection on the expertise involved in the emerging profession of Integration Experts and Interdisciplinary Executive Scientists”, Science of Team Science (SciTS) Conference (Online, 7-11 Jun).
- 2021 International workshop “Von ‘theories of change’ zu ‘modes of change’ in inter- und transdisziplinären Kontexten”, tF-Symposium Darmstädter Tage der Transformation (Darmstadt, 19 Mar and 3 Sep).
- 2020 International workshop “Global efforts in the profession of inter-and transdisciplinary integration research”, SciTS Conference (Online, 1-4 Jun).
- 2020 National workshop “POST Disciplines”, 5th Network of Early Career Researchers in Sustainability Transitions Conference (Dübendorf, 7-8 May).
- 2019 International workshop “Is there a new profession of integration specialists/experts on the rise?”, ITD Conference (Gothenburg, 10-13 Sep).
- 2019 International workshop “Pathways to Impact of Transdisciplinary Research: The Role of Contexts, Goals, and Epistemological Assumptions”, ITD Conference (Gothenburg, 10-13 Sep).
- 2018 International workshop “Non-grid solutions for the future of urban water management”, Monte Verità Conference Centre ‘Congressi Stefano Franscini’ (Ascona, 14-17 Mar).
- 2017 International showcase “Wings: Developing non-grid water and sanitation solutions for urban areas”, Stockholm World Water Week (Stockholm, 27-31 Aug).

- 2017 National workshop “Dezentrale (Ab-)Wasserinfrastrukturen: Eine realistische Lösung?”, eco.naturkongress (Basel, 31 Mar).
- 2015 National workshop “Formative evaluation of the National Research Programme NRP 61 synthesis process”, SNSF (Berne, 2 Feb).
- 2012 PEAK Symposium “Herausforderungen einer nachhaltigen Wasserwirtschaft”, Eawag (Dübendorf, 12 Sep).

10. Other professional activities

- 2023 – present Lecturer on “Integration in Science, Policy and Practice: Inter- and Transdisciplinary Concepts, Methods, Tools”, ETH Zurich, Department of Environmental Systems Science, 701-1571-00L, Switzerland.
- 2023 Lecturer on “Inter- and Transdisciplinary Integration”, Praktikum Mensch-Umwelt Systeme, ETH Zurich, Department of Environmental Systems Science, 701-0660-00L, Switzerland.
- 2023 Lecturer on “Inter- and Transdisciplinary Integration” within the Modul ‘Citizen Science’ organized by Graduate Campus University of Zurich, Switzerland.
- 2023 Invited Expert to the Workshop “Vom Reallabor bis zur künstlerischen Intervention - Innovative Formate und Methoden transdisziplinären Forschens” organized by tdAcademy, Germany.
- 2022 Lecturer on “Inter- and Transdisciplinary Research” within the PhD course ‘Action-oriented research for social change’ organized by Erasmus Graduate School of Social Sciences and the Humanities, Netherlands.
- 2022 Invited Expert to the ‘Workshop on sustainability research lighthouse programmes’ organized by SCNAT, SNSF, Innosuisse, Berne, Switzerland.
- 2022 Invited Expert to the Dialogue Forum ‘Wirkungen kontinuierlich im Blick behalten’, organized by ZTG, Berlin, Germany.
- 2021 Lecturer on “Theories of Change” within the further education course ‘Faecal Sludge Management and Theories of Change’ organized by Swiss Humanitarian Aid, SDC, Eawag.
- 2020 Lecturer on “Water resources and water infrastructures” within the course ‘Umweltproblemlösen’ organized by TdLab (D-USYS, ETHZ).
- 2018 – present Organizer of different further education courses for Eawag project/program/platform managers on ‘Lateral leadership’, ‘Knowledge management’, ‘Stereotypes at the interface between science, policy and practice.’
- 2016 Invited Expert on the Round Table ‘Evaluation of research outcomes’ organized by the Association of Swiss Grant-Making Foundations (SwissFoundations), Zurich, Switzerland.
- 2015 – present Founder and facilitator of the Eawag-internal Community of Practice for project/program/platform managers responsible for knowledge exchange at the interface between science, policy and practice (3 half day meetings per year).
- 2015 – 2021 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 (3 one day meetings per year).

11. Research career breaks

- 2020 – 2022 Reduced working: 90 %
- 2016 – 2020 Reduced working: 80 %
- 2009 – 2015 Reduced working: 70 %
- 2011 Maternity leave (Jan – Apr)
- 2009 Maternity leave (Mar – Jun)
- 2005 – 2006 Consultant for ISW
- 1997 – 2002 Consultant for EMC, SDC and GIZ

Research Outputs, Dr. Sabine Hoffmann – Last ten years

1. Publications in international peer-reviewed scientific journals

Cvitanovic C., Karcher D.B., Breen J., Badullovich N., Cairney P., Pozza D., Duggan J., Hoffmann S., Kelly R., Meadow A., Posner S. “Knowledge brokers at the interface of environmental science and policy: a review of knowledge and research needs”, *Environmental Science and Policy* (submitted)

Huber M.N., Zhang J., Salomon H., Dölker J., König L., Quatrini S., Bugmann H., Lieberherr E., Logar I., McArdell B., Molnar P., Schlunegger F., Schmidt C., Zabel A., Hoffmann S., “A framework to integrate natural and social sciences toward resilient mountain ecosystems”, *Ambio* (under review).

Lieberherr E., Quatrini S., Bugmann H., Hoffmann S., Schlunegger F., Dölker J., Huber M., König L., Logar I., McArdell, Molnar P., Schmidt C., Zabel A., Zhang J., “Designing TREBRIDGE for exploring pathways toward resilient Alpine ecosystems”, *GAI A* (revised and resubmitted).

Hofmann B., Salomon H., Hoffmann S., “Roles of researchers in inter- and transdisciplinary sustainability research: a mapping and reflection tool”, *Sustainability Science* (revised and resubmitted).

Deutsch L., Pohl C., Bresch D. N., Hoffmann S., “Creating favorable conditions for inter- and transdisciplinary integration – an analytical framework and empirical insights”, *Global Environmental Change* (revised and resubmitted).

Deutsch L, Björnsen A, Fischer AM, Hama MA, Zimmermann NE, Zurbrügg C, Hoffmann S., “Herding cats - Integrative leadership strategies in inter- and transdisciplinary programs”, *Sustainability Science* (revised and resubmitted).

Hofmann B., Fischer M., Ingold K., Lieberherr E., Hoffmann S., “Knowledge cumulation at science-policy interfaces: opportunities for environmental governance research”, *Environmental Policy and Governance* (in press).

Hofmann B., Ingold K., Stamm C., Ammann P., Eggen R.I.L., Finger R., Fuhrmann S., Lienert J., Mark J., McCallum C., Probst-Hensch N., Reber U., Tamm L., Wiget M., Winkler M.S., Zachmann L., Hoffmann S., “Barriers to evidence use for sustainability: Insights from pesticide policy and practice”, *Ambio* 52 (2), 2023, pp. 425-439.

Hoffmann S., Weber C., Mitchell C., “Principles for leading, learning and synthesizing in inter- and transdisciplinary research”, *BioScience* 72 (10), 2022, pp. 963–977.

Hoffmann S., Deutsch L., Thompson Klein J., O’Rourke M., “Integrate the integrators! A call for establishing academic careers for integration experts”, *Humanities and Social Science Communications* 9 (147), 2022 (10 p.)

Deutsch L., Belcher B., Claus R., Hoffmann S., “Leading inter- and transdisciplinary research: Lessons from applying theories of change to a strategic research program”, *Environmental Science & Policy* 120, 2021, pp. 29-41.

Pohl C., Klein J. T., Hoffmann S., Mitchell C., Fam D., “Conceptualising transdisciplinary integration as a multidimensional interactive process”, *Environmental Science & Policy* 118, 2021, pp. 18–26.

Lüthi C., Willetts J., Hoffmann S., “Editorial: City-Wide Sanitation: The Urban Sustainability Challenge”, *Frontiers in Environmental Science* 8 (585418), 2020 (4 p.)

Hoffmann S., Feldmann U., Bach P., Binz C., Farrelly M., Frantzeskaki N., Hiessl H., Inauen J., Larsen T., Lienert J., Londong J., Lüthi C., Maurer M., Mitchell C., Morgenroth E., Nelson K., Scholten L., Truffer B., Udert K., “A research agenda for the future of urban water management: Exploring the potential of non-grid, small-grid, and hybrid solutions”, *Environmental Science & Technology* 102, 2020, pp. 36-42.

Pohl C., Fam D., Hoffmann S., Mitchell C., “Exploring Julie Thompson Klein’s Framework for Analysis of Boundary Work,” *Issues in Interdisciplinary Studies* 37 (2), 2019, pp. 62-90.

Hoffmann S., Klein J. T., Pohl C., “Linking transdisciplinary research projects with science and practice at large: Introducing insights from knowledge utilisation”, *Environmental Science & Policy* 102, 2019, pp. 36-42.

Hitziger M., Aragrande M., Berezowski J., Canali M., Del Rio Vilas V., Hoffmann S., Igrejas G., Keune H., Lux A., Mieghan B., Palenberg M., Pohl C., Radeski M., Richter I., Robledo C., Salerno R., Savic S., Schirmer J., Vogler B, Ruegg S., “EVALvINC: EVAluating knOWLedge INtegration Capacity in multi-stakeholder governance”, *Ecology & Society* 24 (2), 2019.

Maag S., Alexander J. T., Kase R., Hoffmann S., “Indicators for Measuring the Contributions of Individual Knowledge Brokers”, *Environmental Science & Policy* 89, 2018, pp. 1-9.

Hoffmann S., Pohl C., Hering G. J., “Exploring transdisciplinary integration within a large research program: empirical lessons from four thematic synthesis processes”, *Research Policy* 46 (3), 2017, pp. 678-692.

Hoffmann S., Pohl C., Hering G. J., "Methods and procedures of transdisciplinary knowledge integration: empirical insights from four thematic synthesis processes", *Ecology & Society* 22 (1), 2017.

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

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

Hering J., Hoffmann S., Meierhofer R., Schmid M., Peter A., "Assessing the societal benefits of applied research and expert consulting in water science and technology", *GAIA* 21 (2), 2012, pp. 95-101.

2. Review articles

Larsen T., Hoffmann S., Lüthi C., Truffer B., Maurer M., "Emerging solutions to the water challenges of an urbanizing world", *Science* 352 (6388), 2016, pp. 928-933.

3. Book chapters

Gunn C., Hoffmann S., Sager M., Wittmayer J., Zuiderent-Jerak T., "Reassembling the scholar: a conversation about positionality in transdisciplinary processes". In: Regeer B., Gunn C., Kok K. (eds) *Transdisciplinarity for Transformation. Insights and Tools for Navigating Complex Societal Challenges*, Palgrave MacMillan, 2024, 419-438.

Vienni-Baptista B., Hoffmann S., "Integrative Teaching and Learning". In R. Szostak (ed) *Elgar Handbook of Interdisciplinary Teaching and Administration*, Edward Elgar Publishing Limited, 2024, pp. 136-151.

Hoffmann S., "Synthesizing". In F. Darbellay (ed) *Elgar Encyclopedia of Inter- and Transdisciplinarity*, Edward Elgar Publishing Limited, 2024, pp 505-508.

Hoffmann S., Deutsch L., O'Rourke M., "Integration Experts and Expertise". In F. Darbellay (ed) *Elgar Encyclopedia of Inter- and Transdisciplinarity*, Edward Elgar Publishing Limited, 2024, pp 273-276.

Hoffmann S., "Commentary". In B. Vienni-Baptista, I. Fletcher, & C. Lyall (eds) *Foundations of interdisciplinary and transdisciplinary research*, Bristol University Press, 2023, pp. 149-154.

4. Practice-oriented publications

Dettwiler D., Deutsch L., Hoffmann S., Action Guide: Strategies to strengthen inter- and transdisciplinarity in your research organization, Eawag, Dübendorf. DOI: 10.6084/m9.figshare.26969731.

Wuelser G., Edwards P. in collaboration with Bretzler A., Pohl C., Breu T., Achermann S., Haselbacher A., Vienni-Baptista B., Hoffmann S., Deutsch L., Zähringer J., Paulavets K., Rueff H., Wallner, A., Lighthouse programmes in sustainability research, *Swiss Academies Reports* 18(2), 2023, SCNAT, Bern, 48 p.

Deutsch L., Beutler P., Binz C., Congiu G., Contzen C., Doll C., Heiberg J., Hoffmann S., Kollmann J., Maurer M., Morgenroth E., Pakizer K., Reymond P., Schelbert V., Truffer B., van den Brandeler F., Resource-oriented wastewater infrastructures for sustainable cities: ways forward, *Knowledge Brief No. 1*, 2023, Wings Program, Eawag.

Wainaina, G.K., Deutsch, L., Narayan, A.S., van Welie, M.J., Cherunya, P.C., Lüthi, C., Hoffmann, S. (2023) "Planning to transform: How to increase the effectiveness of infrastructure interventions in slums", *Knowledge Brief No. 2*, 2023, Wings Program, Eawag.

Hoffmann S., Deutsch L., Hofmann B., Salomon H., Pohl C., Lux A., Nagy E., Kleihauer S., Rogga S., Zscheischler J., Towards a theory of change to institutionalise integration experts and expertise, *Integration and Implementation Insights Blog*, 06.06.2023.

Kny J., Hoffmann S., Nagy E., Schäfer M., Theory of change in inter- and transdisciplinary research, *Integration and Implementation Insights Blog*, 21.02.2023.

Deutsch L., Hoffmann S., "Integration in inter- and transdisciplinary research: how can the leadership challenges be addressed?", *Integration and Implementation Insights Blog*, 14.02.2023.

Hofmann B., Ingold K., Stamm C., Finger R, Hoffmann S., Hürden für eine evidenzbasierte Pflanzenschutzmittel-politik und -praxis, *Progressive Agrarwende Blog*, 06.02.2023.

Hoffmann S., Städtische Abwassersysteme: Dezentrale Abwassersysteme mit Wertstoffrückgewinnung als Schlüssel zur Erreichung des SDG 6", *GWF-Wasser Abwasser*, 2022, 6, p. 46-47.

Deutsch L, [Hoffmann S.](#), Geht das, verschiedene Perspektiven für eine Nachhaltigkeitstransformation unter einen Hut zu bekommen? – Einblicke in den Ansatz „Theory of Change“, *ISOE Blog Post*, 08.06.2022.

[Hoffmann S.](#), Deutsch L., Udert K., Doll C., Um Nährstoffkreisläufe zu schliessen, müssen viele Akteure zusammenspannen, *Eawag News Article*, 05.05.2022.

[Hoffmann S.](#), Deutsch L., Städtische Abwassersysteme nachhaltig entwickeln, *Eawag News Article*, 08.04.2022.

Deutsch L. and [Hoffmann S.](#), Science Communication, A How-To Toolkit, 2022, Eawag, Dübendorf.

Krause A., Hirschhausen v. C., Schröder E., Augustin F., Häfner F., Bornemann G., Sundermann G.; Korduan J., Udert K., Deutsch L., Reinhardt M. L., Götzenberger R., [Hoffmann S.](#), Becker-Sonnenschein S., “Ressourcen aus der Schüssel sind der Schlüssel”, *Diskussionspapier zur Sanitär- und Nährstoffwende*, 2021, pp. 1-8.

Deutsch L., [Hoffmann S.](#), Developing Theories of Change for supporting transformations in the urban water sector: Lessons learned from an inter- and transdisciplinary research program, *Practical experience report - tdnets toolbox*, 2021, www.transdisciplinarity.ch.

Deutsch L., [Hoffmann S.](#), Five Reflective Questions for Integrative Leadership in Inter- and Transdisciplinary Contexts, 2021, Eawag, Dübendorf.

Narayan A.S., Deutsch L., [Hoffmann S.](#), Pearce B., “Decentralisation - are we on the same page?”, *Workshop Brief*, 2020, Eawag, Dübendorf.

Maurer Max, [Hoffmann S.](#), Sanierungsfall Abwassersystem, *Die Volkswirtschaft*, 2019, 6, pp. 12-15.

[Hoffmann S.](#), Hunkeler D., Maurer M., Nachhaltige Wasserversorgung und Abwasserentsorgung in der Schweiz: Herausforderungen und Handlungsoptionen, *Thematische Synthese 3 im Rahmen des Nationalen Forschungsprogramms NFP 61 Nachhaltige Wassernutzung*, 2014, Bern, 86 p.

5. Practice-oriented videos and cartoons

Deutsch L., Stükelberger C., [Hoffmann S.](#), “Scenes from inter- and transdisciplinary research: a series of cartoons on how to make sure that integration fails”, 2024, Eawag, Dübendorf.

Deutsch L., Doll C., [Hoffmann S.](#), “Verhebet? Ein ressourcen-orientierter Apéro”, [Wings Video](#), 2023, nominated in the category “Best Short Film 2023 by the Global Science Film Festival”.

6. Contributions to international and national conferences, workshops and webinars (selection)

[Hoffmann S.](#), “Empirical lessons from leading and studying integration in inter- and transdisciplinary programs”, Laval University, Oct 2024, Quebec, Canada. **Invited speaker.**

[Hoffmann S.](#), “Integration matters! The role(s) of integration experts and expertise in inter- and transdisciplinary research”, Centre for Science, Knowledge and Policy (SKAPE), May 2024, Edinburgh, UK. **Invited speaker.**

[Hoffmann S.](#), Bruce A., Fletcher I., Winkler M., Vermeulen N., “Interdisciplinarity and Research Integration”, Researchers’ Realities Day, Institute for Academic Development, May 2024, Edinburgh, UK. **Invited panelist.**

[Hoffmann S.](#), Dupin N., “The scope and value of interdisciplinarity in PhD research”, Interdisciplinary Research Network, Stirling University, online, Apr 2024, Stirling, UK. **Invited speaker.**

[Hoffmann S.](#), Vienni-Baptista, B. “Training the Integration Experts of the Future: Integrative Teaching and Learning in Inter- and Transdisciplinary Higher Education”, Interdisciplinary Learning and Teaching Conference, Mar 2024, Manchester, UK.

[Hoffmann S.](#), “The role(s) of integration experts and expertise in inter- and transdisciplinary research”, Interdisciplinary Teaching and Learning Group, online, Mar 2024, Birmingham, UK. **Invited speaker.**

[Hoffmann S.](#), “Lessons from leading and studying integration in inter- and transdisciplinary research programs”, Science, Technology and Innovation Studies (STIS) Seminar, Nov 2023, Edinburgh, UK. **Invited speaker.**

Deutsch L., [Hoffmann S.](#), “Theories of Change”, Webinar Series Methoden am Montag, Citizen Science Zurich, online, Nov 2023, Switzerland. **Invited speaker.**

Deutsch L., Pohl C., Bresch D., [Hoffmann S.](#), “Creating favorable conditions for inter- and transdisciplinary integration – an analytical framework and empirical insights” Earth System Governance (ESG) Conference, Oct 2023, Nijmegen, Netherlands.

[Hoffmann S.](#), “Integration Experts and the ITD Alliance Working Group”, *Webinar Series Espacio Interdisciplinario de la Universidad de la República Uruguay*, April 2023, online, Uruguay. **Invited speaker.**

Hoffmann S., “Integrate the Integrators! A call for establishing academic careers for integration experts”, *Webinar Series Dutch Impact Alliance*, Mar 2023, online, Netherlands. **Invited speaker.**

Hoffmann S., “Integration Experts and the ITD Alliance Working Group”, *Mediterranean Institute for Agriculture, Environment and Development (MED), Universidade de Évora Portugal*, Jan 2023, online, Portugal. **Invited speaker.**

Hoffmann S., “Integrate the integrators! A call for establishing academic careers for integration experts”, *Monash Sustainable Development Institute (MSDI) Research Seminar Series*, Sep 2022, online, Australia. **Invited speaker.**

Hoffmann S., Schäfer M., Kny J., Nagy E., “Keep rol(l)ing! Developing Theories of Change in inter- and transdisciplinary contexts”, *tdAcademy Seminar*, July 2022, online, Germany.

Udert K., Hoffmann S., “Vom Wert des Abwassers zur Sanitärwende”, *re:publica Berlin 22*, Jun 2022, Berlin, Germany. **Invited keynote speaker.**

Hoffmann S., “ITD Alliance Working Group Integration Experts: Ways forward”, *Sustainability Research & Innovation Congress*, Jun 2022, online, South Africa.

Hoffmann S., Deutsch L., “Integrate the integrators! A call for establishing academic careers for integration experts”, *IED ETHZ Seminar*, Jun 2022, Zürich, Switzerland.

Hoffmann S., Podann A., “Gesprächsrunde: Integration Experts – ein neues Berufsfeld”, *Gesprächsreihe Let’s talk about it: Transdisziplinarität und Co-Produktion*, May 2022, Berlin, Deutschland. **Invited speaker.**

Hoffmann S., “Is there a new profession of integration experts on the rise?”, *Knowledge Integration Seminar Series*, University of Waterloo, Jan 2022, online, Canada.

Hoffmann S., “Transdisciplinary integration: giving weight to two buzzwords”, *Future Earth’s Science-Based Pathways for Sustainability Initiative, Pathways Forum Webinar*, Nov 2021, Online, France.

Deutsch L., Hoffmann S., “Leading inter- and transdisciplinary collaboration and integration through ‘Theories of Change’ – Lessons learned from the strategic program ‘Wings’ at Eawag”, *Energy Lab Webinar Series*, Nov 2021, Online, Switzerland.

Hoffmann S., Deutsch L., Thompson Klein J., O’Rourke M., “Integrate the integrators! A call for establishing academic careers for integration experts”, *International Transdisciplinarity (ITD) Conference*, Sep 2021, Online, Switzerland.

Hoffmann S., Wittmayer J., Sager M., Zuiderent-Jerak T., “Panel Discussion: Adopted, aspired, ascribed, resisted: Dealing with roles in transdisciplinary processes”, *ITD Conference*, Sep 2021, Online, Switzerland.

Deutsch L., Belcher B., Claus R., Hoffmann S., “Challenge accepted! Coping strategies for developing Theories of Change in ITD contexts”, *ITD Conference*, Sep 2021, Online, Switzerland.

Hoffmann S., “Integration matters! Lessons from leading and studying inter- and transdisciplinary research”. *Science of Team Science (SciTS) Conference*, Jun 2021, Online, USA. **Invited keynote speaker.**

Streit J., Pohl C., Hoffmann S., “The emerging profession of integration experts”. *SciTS Conference*, Jun 2021, Online, USA.

Deutsch L., Belcher B., Claus R., Hoffmann S., “Leading inter- and transdisciplinary research: Lessons from applying ‘Theories of Change’ to a strategic research program”, *SciTS Conference*, Jun 2021, Online, USA.

Hoffmann S., “Zwischen Anspruch und Wirklichkeit: Inter- und transdisziplinäre Integration in grossen Forschungsprogrammen”, *Fachtagung Transdisziplinarität als institutionelle Herausforderung für Universitäten*, Jun 2021, Online, Germany.

Hoffmann S., Deutsch L., “Lessons learned from applying ‘Theories of Change’ to the inter- and transdisciplinary research program Wings”, *TdLab BrownBag Seminars*, Apr 2021, Online, Switzerland.

Streit J., Pohl C., Hoffmann S., “The emerging profession of integration experts”, *TdLab BrownBag Seminars*, Mar 2021, Online, Switzerland.

Hoffmann S., Deutsch L., “‘Theory of Change’ für ressourcen-orientierte Siedlungswasserwirtschaft: Einblick in die inter- und transdisziplinäre Forschung im Bereich innovativer Wasser- und Abwassersysteme in der Schweiz”, *Expert Network ‘Berliner Runde - Future Food Production’*, Jan 2021, Online, Germany.

Hoffmann S., “Is there a new profession of ‘integration experts’ on the rise?”, *Shape-ID Webinar Professionalising Inter- and Transdisciplinary Research Expertise*, Dec 2020, Online, Ireland.

Hoffmann S., Hendren C., Glauber K., Bammer G., Klein J.T., Buser T., “Global efforts in developing and promoting a new profession of integration experts and expertise in inter- and transdisciplinary collaborative research”, *INTEREACH Webinar*, Jul 2020, Online, USA.

Hoffmann S., Klein J.T., Pohl C., “Closing the project-to-science-and-practice-at-large-gap: Combining insights from knowledge utilization and transdisciplinary research”, *SciTS Conference*, Jun 2020, Online, USA.

Hoffmann S., “Sind Indikatoren verhandelbar? Einblick in die Entwicklung qualitativer und quantitativer Indikatoren für Knowledge Brokers”, *SynSICRIS MidTerm Konferenz*, Mar 2020, Kassel, Germany.

Hoffmann S., Deutsch L., “Zielorientierung durch ‘Theories of Change’ – Empirische Erkenntnisse aus einem inter- und transdisziplinären Forschungsprogramm“, *tF-Symposium - Darmstädter Tage der Transformation*, Mar 2020, Darmstadt, Germany. **Invited speaker.**

Hoffmann S., “Critical conditions for generating societal impact: Insights from Eawag”, *International Workshop From productive interactions to enabling conditions: Conceptualizing the role of organizations in generating impact of academic research*, Feb 2020, Leiden, Netherlands. **Invited keynote speaker.**

Deutsch L., Hoffmann S., “Inducing action through Theories of Change – Empirical insights from a strategic research program”, *Association for Interdisciplinary Studies (AIS) Conference*, Oct 2019, Amsterdam, Netherlands.

Hoffmann S., Klein J. T., Pohl C., “Closing the research-to-practice gap: A conceptual model for transdisciplinary sustainability research”, *ITD Conference*, Sep 2019, Gothenburg, Sweden.

Hoffmann S., Maag S., Alexander J. T., Kase R.: “Measuring the Contributions of Individual Knowledge Brokers”, *SciTS Conference*, May 2019, Lansing, USA.

Hoffmann S., “Transdisciplinary integration within large research programs”, *UFZ Distinguished Lecture Seminars*, Jan 2019, Leipzig, Germany. **Invited keynote speaker.**

Hoffmann S., Feldmann U., “The global application of non-grid water and sanitation systems for the strategic program Wings”, *Innovation Space at the ISO General Assembly*, Sep 2018, Geneva, Switzerland.

Hoffmann S., “Das Forschungsprogramm Wings”, *Eawag Infotag Abwasser als Ressource – Zukunftsweisende Technologien zur Rückgewinnung von Wertstoffen*, Sep 2018, Dübendorf, Switzerland.

Hoffmann S., “Prozessindikatoren für Knowledge Brokering”, *Internationaler Workshop Qualitäts- und wirkungsvolle transdisziplinäre Forschung: Meta-Perspektiven*, Sep 2018, Frankfurt, Germany. **Invited speaker.**

Hoffmann S., “Systems thinking for sustainable urban water management”, *Stockholm World Water Week*, Sept 2017, Stockholm, Sweden. **Invited keynote speaker.**

Hoffmann S., Hering G. J., Lüthi C., Zurbrügg C., “Wings: Developing non-grid water and sanitation solutions for urban areas”, *Stockholm World Water Week*, Sep 2017, Stockholm, Sweden.

Hoffmann S., Pohl C., Hering G. J., “Exploring transdisciplinary integration: Empirical lessons from four thematic synthesis processes”, *ITD Conference*, Sep 2017, Lüneburg, Germany.

Hoffmann S., Klein J. T., Pohl C., “Indicators for assessing successful transdisciplinary research”, *COST Action TD 1404 Workshop Transdisciplinary research evaluation: From methodological challenges to indicator definition*, Jun 2017, Zurich, Switzerland. **Invited speaker.**

Hoffmann S., “Methods and procedures of knowledge integration: Empirical insights from four thematic synthesis processes”, *What Works Global Summit*, Sep 2016, London, UK.

Hoffmann S., Feldmann U., “Can on-site water and sanitation systems provide a solution for the global urban water challenges?”, *ETH Week Challenging Water Knowledge Fair*, Sep 2016, Zürich, Switzerland.

Hoffmann S., “Urban water management in Cochabamba, Bolivia”, *The Graduate Institute Water Management Seminar*, Apr 2016, Geneva, Switzerland. **Invited speaker.**

Hoffmann S., Hering J., Pohl C., “Methods and procedures of knowledge integration: Insights from the National Research Program (NRP 61) on Sustainable Water Management”, *ITD Conference*, Sep 2015, Basel, Switzerland.

Hoffmann S., “Typology of researcher’s roles in inter- and transdisciplinary research”, *Knowledge and Technology Transfer Workshop*, Mar 2015, Zurich, Switzerland.

Hoffmann S., Pohl C., Hering J., “NFP 61 Begleitforschung - Wissensintegration im Syntheseprozess”, *Annual Conference of the SNSF Programmes Division IV*, Nov 2014, Berne, Switzerland.

Hoffmann S., Maurer M., “Wachsender Siedlungs- und Nutzungsdruck”, *NRP 61 Final Conference*, Nov 2014, Berne, Switzerland.

Hoffmann S., Pohl C., Hering J., “Methods of inter- and transdisciplinary knowledge integration”, *Conférence Suisse Inter- et Transdisciplinarité*, Jun 2014, Bramois, Switzerland. **Invited keynote speaker.**

Hoffmann S., Pohl C., Hering J., “NFP 61 Begleitforschung: Methoden der inter- und transdisziplinären Wissensintegration im NFP 61 Syntheseprozess”, *NRP 61 Final Meeting*, Oct 2013, Thun, Switzerland.

Hoffmann S., Maurer M., Hunkeler D., "Thematische Synthese 3: Nachhaltige Wasserversorgung und Abwasserentsorgung in der Schweiz: Herausforderungen und Handlungsoptionen", *NRP 61 Final Meeting*, Oct 2013, Thun, Switzerland.