

## Anhang zum Eawag-Jahresbericht 2010 nur Internet

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> sämtliche Publikationen von Eawag-Mitarbeitenden sind zu finden via [www.lib4ri.ch](http://www.lib4ri.ch)

## Abgeschlossene Doktorarbeiten Eawag 2010

Name	Titel Doktorarbeit	Leiter/in	Betreuer/in	Hochschule	Diss.-No
Adolfsson Sofia	Evolutionary dynamics between sexual and asexual lineages in systems with mixed reproductive mode	Jokela Jukka	Jokela Jukka	ETH Zürich	18801
Bosshard Franziska	Mechanisms of cell damage in enteric bacteria during solar disinfection	Egli Thomas	Egli Thomas, Bucheli Margarete	ETH Zürich	18872
Bryant Lee Davis	Dynamic forcing of oxygen, iron, and manganese fluxes at the sediment-water interface in lakes and reservoirs	Little John C.	Wüest Alfred, McGinnis Dan F.	VirginiaTech USA	
Diener Stefan	Valorisation of Organic Solid Waste using the Black Soldier Fly, <i>Hermetia illucens</i> , in Low and Middle-Income Countries	Jokela Jukka	Chris Zurbrügg	ETH Zürich	

Dittmar Jessica	Seasonal arsenic cycling in irrigated paddy soils in Bangladesh and arsenic uptake by rice	Kretzschmar Ruben	Voegelin Andreas	ETH Zürich	18817
Faramarzi Monireh	Assessment of regional water endowments, crop water productivity and implications for intra-country virtual water trade in Iran	Schulin R.	Abbaspour Karim, Yang Hong	ETH Zürich	18834
Forster Dionys			Roland Schertenleib		
Gresch Markus	Modeling Reactive Flows in Urban Water Engineering	Gujer Willi	Gujer Willi	ETH Zürich	19135
Hangartner Sandra	Adaptive divergence of the moor frog ( <i>Rana arvalis</i> ) along an acidification gradient	Jokela Jukka	Räsänen Katja	ETH Zürich	19384
Heck Tobias	Bacterial beta-aminopeptidases: Function, structure and applications	Donald Hilvert	Geueke Birgit, Kohler Hans-Peter	ETH Zürich	18869
Holtz Georg	Modelling system innovations in coupled human-technology environment systems	Pahl-Wostl Claudia	Truffer Bernhard	Uni Osnabrück	
Kern Susanne	Transformation products of organic micropollutants: Development and evaluation of methods for assessing their exposure in the aquatic environment	Schwarzenbach René P.	Fenner Kathrin	ETH Zürich	19098
Kretschmann Andreas	Toxicity of diazinon in <i>Daphnia magna</i> - a mechanistic effect model based on time-resolved quantification of bioconcentration, biotransformation and enzyme inhibition	Escher Beate, Hollender Juliane	Hollender Juliane, Jokela Jukka	ETH Zürich	19289
Kunz Manuel	Effect of Large Dams in the Zambezi River Basin: Changes in Sediment, Carbon and Nutrient Fluxes.	Wüest Alfred	Senn David Wehrli Bernhard	ETH Zürich	
Leschik Sebastian	Groundwater contamination from urban line sources - monitoring and evaluation approach with integral pumping tests	Hunkeler Daniel	Schirmer Mario	University of Neuchâtel	
Lorrai Claudia	Estimating benthic boundary layer oxygen dynamics in lakes	Wüest Alfred	McGinnis Dan F.	ETH Zürich	19'241
Moser Stephanie	Risk of ubiquitous information and communication technologies: How individuals perceive, cause, and seek to mitigate them	Mosler Hans-Joachim	Kaufmann-Hayoz Ruth	Uni Zürich	
Neuwöhner Judith	Risk Assessment and Mixture Toxicity of Organic Micropollutants and their Transformation Products	Escher Beate	Fenner Katrin	ETH Zürich	19055
Peter Maryna	Ultra-low pressure ultrafiltration for decentralized drinking water treatment	Gujer Willi	Pronk Wouter	ETH Zürich	19134
Ramseier Maaïke	Assimilable Organic Carbon Formation and Disinfection during Oxidative Drinking Water Treatment	von Gunten Urs	Hammes Frederik	ETH Zürich	19157

Ronteltap Mariska	Phosphorus recovery from source-separated urine through the precipitation of struvite	Gujer Willi	Maurer Max	ETH Zürich	18134
Scheidegger Christian	Induction of phytochelatins by lead in the alga <i>Chlamydomonas reinhardtii</i>	Sigg Laura	Behra Renata	ETH Zürich	19243
Schoebel Corine	Host - Parasite interaction in <i>Daphnia</i> : The role of variable environments	Spaak Piet	Spaak Piet	ETH Zürich	19291
Vital Marius	Growth of pathogenic bacteria in freshwater and their competition with the autochthonous bacterial flora	Egli Thomas	Hammes Frederik, Egli Thomas	ETH Zürich	19111
Von Lindern Eike	Changing Mental Models to Promote Pro-Environmental Ecosystem Management – Recreational Fishermen and Their Fish-Stocking Practices in Swiss Running Waters	Mosler Hans-Joachim	Mosler Hans-Joachim, Haertel-Borer Susanne	Uni Zürich	
Wittmer Irene	Influence of agricultural pesticide and urban biocide use on load dynamics in surface waters	Reichert Peter	Stamm Christian, Bader Hans-Peter, Scheidegger Ruth	ETH Zürich	19323

## Abgeschlossene Bachelor- und Masterarbeiten Eawag 2010

Name	Titel der Arbeit	Bachelor (B), Master (M)	Betreuer/in	Hochschule
Adjei Benjamin	Detecting the fitness difference in the wild	M	Araki Hitoshi	UNESCO-IHE
Barner Thomas	Variation in Expression of Genes Involved in Metabolism: An Indication for an Acetate Cross-feeding Phenotype in Isogenic Escherichia coli?	M	Ackermann Martin, Nela Nikolic	ETH Zürich
Battaglia Gianna	Laborarbeit und Datenanalyse zur Redoxdynamik im Kivusee	B	Kirf Mathias, Wehrli Bernhard	ETH Zürich
Birrer Angela	Abschätzung der maximalen Leistung der Festbetanlage der ARA Limmattal und Bewirtschaftung des Industrieabwassers zur Vergleichsmässigung der Zulauftracht	M	Siegrist Hansruedi, Hofer M.	ETH Zürich
Birrer Simone	Comparison of the PO and ProPO activity between two Gammarus spp. (Crustacea, Amphipoda)	B	Keller Irene	ETH Zürich
Brosed Magali	Role of microbial decomposers in stream nutrient dynamics: nutrient contents and ratios of aquatic hyphomycetes grown in balanced nutrient medium	M	Gessner Mark	Université de Franche-Comté, France
Brunold Claudio	Acid stress tolerance and adaptive maternal effects of Rana arvalis and Rana temporaria	M	Räsänen Katja	BIOL, ETH Zürich
Buiter Joris	Detection of UV stabilizers with LC-APPI-HR-MS in lake sediments	M	Hollender Juliane, Chiaia Aurea	Universität Duisburg-Essen
Camenzuli Louise	Degradation of Herbicides in Soils: Kinetics and Limiting Factors in Field and Laboratory	M	Stamm Christian, Streck Tilo, Kevin Bishop	ETH Zürich
Chew Robin	Optimierung einer geplanten Strassenabwasserbehandlungsanlage	B	Zöllig Hanspeter	ETH Zürich
De la Cruz Sonia:	Trinkwasseraufbereitung – Moringa und SODIS kombiniert – für den alltäglichen Haushaltsgebrauch in Entwicklungsländern.	B	Zurbrügg Chris	Zurich University of Applied Sciences, Wädenswil, Switzerland.
Desetres Elsa	Speciation of Lake Victoria cichlid fish: relevant parasitological clues	M	Maan Martine	University of Paris 13

Dietschweiler Conrad	Passive Sampling of Polar Compounds	M	Krauss Martin, Stamm Christian	ETH Zürich
Dugge Jürnjakob	Increasing the Sustainability of Hong Kong's Wastewater System through Source Separation Based Decentralised Sanitation Concepts	B	Larsen Tove	ETH Zürich
Elumelu, Maline	Investigating biodegradation pathways of xenobiotics during sewage treatment using high-resolution mass spectrometry	M	Fenner Kathrin, Helbling Damian	ETH Zürich
Fink Andrin	A decision-theoretic approach to chemical stream assessment	B	Langhans Simone	ETH Zürich
Fischer Andreas	Sludge reduction and endogenous respiration	M	Derlon Nicolas	ETH Zürich
Gartmann, Christian	Heterogeneity, Flow Velocities and Travel Times in an Alluvial Aquifer	M	Hoehn Eduard, Vogt Tobias	ETH Zürich
Gauch Roger	Literature search on fish lethal body burden data of the reverence chemicals listed on the CEISens-list	B	Tanneberger Katrin, Schirmer Kristin	ETH Zürich
Goldschmidt Felix	Slower Growth Promotes Survival	M	Arnoldini Markus	ETH Zürich
Gomis Melissa	Studies on the interaction of anthropogenic pollutants with the human P-glycoprotein (MDR1)	M	Schirmer Kristin, Luckenbach Till, Goss Kai Uwe	ETH Zürich
Grau Maximilian	Einfluss des Transmembrandrucks auf das Fouling bei Langzeitultrafiltration im Dead-End Betrieb	M	Pronk Wouter	Stuttgart
Greuter Lucie	Effects of Interspecific Gene Flow on the Structure of the Phenotypic Variance/Covariance Matrix in Lake Victoria Cichlids	B	Seehausen Ole	Uni Bern
Grischott Reto	Environmental history of Lake Canova	M	Anselmetti Flavio	ETH Zürich
Gruner Nicolas	Mechanisms underlying variation in male nuptial color of male threespine sticklebacks	B	Maan Martine, Seehausen Ole	Uni Bern
Heeb, Michele	Surface precipitation of calcium and phosphate on hydroxyapatite	M	Johnson Annette	ETH Zürich
Hoppler Jon Andri, Montalta Roni	Partikel aus Eisbohrkernen als Klimaindikatoren	B	Kägi Ralf, Ruckstuhl Andreas	ZHAW (Winterthur)
Hostettler Anna	Life Cycle Assessment of Processes for Nitrogen Removal and Recovery from Source Separated Urine	M	Larsen Tove	ETH Zürich
Huang Kou An Andrew	The Costs of Uncertainty in Centralised Wastewater Infrastructure	M	Larsen Tove, Udert Kai	Polytech'Nice-Sophia, France

Hug Alexandra	Phosphate recovery from urine by electrocoagulation	M	Udert Kai	ETH Zürich
Hunziker Stefan	Auswirkungen des Klimawandels auf die Gleichgewichts-Oberflächentemperatur von Seen in globaler Betrachtung	M	Schmid Martin, Häberli Wilfried	Uni Zürich
Itten René	Modeling of pharmaceutical input in the environment.	M	Ruff Matthias	ETH Zürich
Jaiswal Sangeeta	Low and high nucleic acid content bacteria: reality or just a flow cytometric phenomenon?	M	Hammes Frederik	KIIT University, Bhubaneswar, Orissa, Indien
Junker Julian	Analysis of the situation of bullhead ( <i>Cottus gobio</i> ) population in the Sense River and tributaries	M	Keller Irene, Peter, Armin, Seehausen Ole	Uni Bern
Karli Martina	"Nutrient Recovery from Urine and Struvite Production Effluent Using Aquatic Plants in Nepal".	B	Schönborn Andreas	Zurich University of Applied Sciences, Wädenswil, Switzerland.
Kaufmann Manuela, w	Identification of dry and rainy periods using	M	Hug Thomas	ETH Zürich
Kempter Tim	Methane production and emissions in shallow bays of Kariba Reservoir (Zambia)	M	DeSontro Tonya, Senn David, Kunz Manuel	ETH Zürich
Koopmans Andrea	Divergence in functional morphology: diet and gill raker structure in threespine stickleback ( <i>Gasterosteus aculeatus</i> ) in Lake Mývatn, Iceland	M	Räsänen, Katja	UWIS, ETH Zürich
Kuonen Nadine	Veränderungsprozesse im Management öffentlicher Unternehmen	M	Worch Hagen, Truffer Bernhard	Uni Bern
Loos Martin	Modeling of pesticide biodegradation in soil	M	Hofstetter Thomas, Skarpeli-Liati Marita	ETH Zürich
Marti Beatrice	Biochemical removal of sulfur from stored, source-separated urine	M	Udert Kai	ETH Zürich
Merk Magdalena	Effects of an invasive pathogen on persistence and extinction of amphibian populations	M	Räsänen Katja	UWIS, ETH Zürich
Meyer Jasmin	Predictors of treated and untreated water consumption in rural Bolivia. Psychologisches Institut der Universität Zürich.	M	Reichert Peter	Uni Zürich

Meyer, Matthias	Möglichkeiten der Habitatsoptimierung für die Seeforelle im Einzugsgebiet des Brinzersees	B	Peter Armin	Fachhochschule Ostwestfalen-Lippe
Moschet Christoph	Georeferenced mass flux modelling of selected micropollutants in the catchment of lake Constance	M	Singer Heinz	ETH Zürich
Müller Beda	Ermittlung der Auswirkung des Eschenbergstollens	B	Lüscher René	ETH Zürich
Müller Christoph	Emerging water efficiency innovation systems in Australia	M	Truffer Bernhard	Uni Bern
Müller Laure	Marcory Gaz - Potentiel de valorisation des déchets organiques à Abidjan	M	Tilley Elizabeth, Schönborn Andreas, Etter Bastian	EPFL Lausanne
Nantongo Annette	Potential for Greenhouse Gas Emission Reduction by Institutional Biogas Plants - Case Study Dar es Salaam	M	Zurbrügg Chris	IHE Delft
O'Connor Isabel	Sequential Exposure to Multiple Toxicants with Different Modes of Action: Measurement and Simulation of carry over toxicity	M	Ashauer Roman, Schirmer Kristin	ETH Zürich
Obrecht Johanna	Online Überwachung biologischer Abwasserreinigungsprozesse	M	Jenni Sarina, Udert Kai	ETH Zürich
Pati Sarah	Kinetic Isotope Effects Associated With the Oxidation of Substituted N-Alkyl Anilines	M	McArdell Christa, Kovalova Lubomira	ETH Zürich
Pletscher Birgit	Analyse des Kanalnetzes der Gemeinde Stein Alt St.Johann	B	Lüscher René	ETH Zürich
Plüss David	Weiterentwicklung eines Arbeitsprozesses für die Non-Target Analytik mit dem LTQ-Orbitrap-Massenspektrometer	M	Götz Christian, Hollender Juliane	Uni Basel
Ratzbor, Ronja	Habitatnutzung von Groppen in einem kleinen Fliessgewässer und im Strömungskanal in Abhängigkeit von der Bestandesdichte	B	Peter Armin	Uni Tübingen
Rau, Christiane	Ökologische Erfolgskontrolle von Revitalisierungsmassnahmen an kleinen Bächen	M	Peter Armin	Uni Tübingen
Renggli Samuel	Ermittlung der Auswirkung des Eschenbergstollens	B	Lüscher René	ETH Zürich
Riedener Eliane	Adaptive divergence in embryonic acid stress tolerance of <i>Rana arvalis</i> : the role of microhabitat variation in a reciprocal transplant experiment	M	Räsänen Katja	UWIS, ETH Zürich

Rodriguez Diana	Tracing Micropollutants during riverbank filtration under restored and non-restored conditions at River Thur	M	Hollender Juliane, Huntscha Sebastian	ETH Zürich
Schälchli Jeremy	Einfluss des pH auf die antioxidative Wirkung gelösten organischen Materials beim indirekten photochemischen Abbau von Schadstoffen	B	Canonica Silvio	ETH Zürich
Schär Sämi	Host specialization of parasitic wasps on thistle feeding aphids	M	Vorburger Christoph	Uni Zürich
Scheurer Michael	Effects of tributaries on mainstem periphyton assemblages in relation to catchment land use	M	Robinson Chris	ETH Zürich
Schmid Maike	Aphids and their defensive endosymbionts: Age effects on resistance against parasitoids	M	Vorburger Christoph	Uni Zürich
Schönbächler Helen	1806 - The impact of the Rossberg Landslide onto the Saegel Plain and its relation to the 15 m-high wave of Lake Lauerz	B	Flavio Anselmetti	ETH Zürich
Schuler Jolanda	Parallel adaptive divergence across thermal gradients in Swiss trout populations	M	Seehausen Ole, Keller Irene	Uni Bern
Senn Mike	Divergence in reproductive traits of three-spine stickleback inhabiting contrasting temperatures	M	Räsänen Katja	Uni Zürich
Siegerist Tobias	Analyse des Kanalnetzes der Gemeinde Stein SG	B	Lüscher René	ETH Zürich
Spalinger Lena	Tributary influence on seston and drift in mainstem streams	M	Robinson Chris	ETH Zürich
Stewart Theodora	Chemical characterization of the periphyton matrix	M	Sigg Laura, Behra Renata	ETH Zürich
Streit Anna	Land use and the importance of tributary streams for macrozoobenthos	M	Robinson Chris	ETH Zürich
Studt Nandayure	Uso de larvas de mosca soldado negro (Hermetia illucens) para el manejo de residuos municipales orgánicos en el campus de la Universidad EARTH, Costa Rica	B	Vögeli Yvonne	Instituto Tecnológico de Costa Rica
Sutter Reto	Unternehmensstrategien in der Photovoltaik – Eine empirische Analyse deutscher Solarzellenhersteller	M	Markard Jochen	Uni Bern
Taube Nadine	3-D Groundwater flow modelling of groundwater – surface water interactions at the Swiss river Thur	M	Wenk Jannis	Brandenburg Technical University Cottbus

Tscharner Simon	Mate choice of Gammarus pulex and Gammarus fossarum	M	Jokela Jukka	ETH Zürich
Tsegazeabe Haileselassie	Genomic Tests of Divergent Trophic Adaptation along Ecological Gradients in Lake Victoria Cichlid fish	M	Bezault Etienne, Seehausen, Ole	UNESCO-IHE
Ulrich Lukas	Sustainable Sanitation Technologies for Peri-Urban Ger Settlements in Mongolia	M	Vögeli Yvonne, Lüthi Christoph	ETH Zürich
Vochezer Klaus	Modelling of Carbamazepine and Diclofenac in a River Network	M	Singer Heinz	Uni Hohenheim, Uni Uppsala
Wamulume Jason	The hydrology and biogeochemistry of the Kafue Flats, Zambia	M	Senn David	University of Zambia
Weber Felix	Abbau von Pflanzen und Tieren, Praktikum auf der Gymnasialstufe	M	Hines Jes; Gessner Mark	Uni ZH/ETH Zürich
Widler Tobias	Laboratory microhabitat choice experiments on co-existing Gammarus fossarum and Gammarus pulex	B	Westram Anja	ETH Zürich
Wohlwend Stephan	Shoreline deposits around Lej da Segl (Upper Engadine, Switzerland) Traces of a Prehistoric Tsunami?	M	Anselmetti Flavio	ETH Zürich
Wojtalla Katharina	Water Consumption Behavior in SODIS Promotion Areas of Bolivia: Assessing Factors Predicting the Use of Solar Water Disinfection	M	Diener Stefan	Universität Trier
Wullschleger Valentin	Innovationssystem vs Mehrebenenkonzept - Eine vergleichende Betrachtung von Studien zur Erklärung technologischer Innovationen am Fallbeispiel Biogas	M	Markard Jochen	Uni Bern
Zeller Samuel	Investigations on the Hydraulic Behaviour of WWTP Reactors Using Dynamic Time Warping	M	Dürrenmatt David	ETH Zürich
Zimmermann Matthias	Ein entscheidungstheoretischer Ansatz zur Bewertung der biologischen Integrität von Seen - Ein Vorschlag für Ziele und Attribute	B	Mosler Hans-Joachim	ETH Zürich
Züger Andreas	Climatic and environmental changes during the transition from the penultimate glaciation into the last interglacial (MIS 6 - 5e): a case study from Niederweningen, Switzerland	M	Anselmetti Flavio	Uni Bern

# Lehrtätigkeit Eawag 2010

Typ: P = Praktikum, S = Seminar, V = Vorlesung, U = Übung, G = Vorlesung + Übung, B = Blockkurs, F = Fallstudie, K = Kolloquium, WB = Weiterbildung

Lehrveranstaltung	Institution	Typ	Dozent/in
Sozialpsychologie- 803s sob Projektgruppe FS10	Uni Zürich	U	Mosler Hans-Joachim
Aktuelle Themen aus der Beschleunigermassenspektrometrie und deren Anwendungen	ETH Zürich	S	Jürg Beer
Analysis of organic pollutants	ETHZ	P	Hollender Juliane, Krauss Martin, Suter Marc
Aquatic Communities	ETHZ	V	RäsänenKatja, Robinson Chris, Spaak Piet
Aquatic ecology and evolution, practical for advanced students	Uni Bern	P	Seehausen Ole
Aquatic ecology and evolution, practical. Block course according to special program.	Uni Bern	B	Seehausen Ole
Aquatic ecology and evolution.	Uni Bern	S	Seehausen Ole
Aquatic ecology and macroevolution	Uni Bern	S	Seehausen Ole
Aquatic ecology and macroevolution	Uni Bern	S	Seehausen Ole
Auswirkungen von Chemikalienmischungen auf Umwelt und Mensch und Ihre Beurteilung	Eawag	WB	Kunz Petra
Biochemie	ETH Zürich	V	Kohler Hans-Peter
Biogeochemische Prozesse in aquatischen Systemen	ETH Zürich	G	Wehrli Bernhard
Biogeochemistry of Trace Elements	ETH Zürich	G	Vögelin Andreas
Biologie III: Ökologie	ETH Zürich	V	Vorburger Christoph
Case Studies in Environmental Chemistry	ETH Zürich	G	Hofstetter Thomas
Chemie aquatischer Systeme	ETH Zürich	G	Sigg Laura
Chemie I	ETH Zürich	G	Buschmann Johanna, Diem Dieter
Chemie II	ETH Zürich	G	Buschmann Johanna, Diem Dieter
Conservation of indigenous vertebrates	Uni Bern	V	Seehausen Ole
Contaminants	Uni Neuchâtel	V	Schirmer Mario
Disease Ecology	Uni Zürich	V	Vorburger Christoph
Eawag PhD Skills Seminar	ETH Zürich	S	Hering Janet, Schirmer Kristin, Jokela Jukka
Ecology and Evolution	ETH Zürich	V	Jokela Jukka
Ecology and Evolution: Populations	ETH Zürich	V	Jokela Jukka
Ecology and Evolution: Term Paper	ETH Zürich	S	Jokela Jukka, Vorburger Christoph
Ecology block course	Uni Zürich	B	Vorburger Christoph
Einführung in die Populations- und Evolutionsbiologie	ETH Zürich	V	Kopp Kirstin

Environment and Computer Laboratory II (Year Course)	ETH Zürich	P	Gujer Willi
Environmental Assessment of Chemical Products	ETH Zürich	G	Fenner Kathrin
Environmental Sanitation Planning and Infrastructure in Developing Countries	ETH Zürich	G	Johnston Richard, Lüthi Christoph, Meierhofer Regula, Tilley Elizabeth
Evolutionary Biodiversity Dynamics	Uni Bern	V	Seehausen Ole
Evolutionary biology	ETH Zürich	P	Jokela Jukka, Spaak Piet
Evolutionary biology: field course	ETH Zürich	P	Jokela Jukka
Evolutionary biology: Laboratory course	ETH Zürich	P	Spaak Piet
Evolutionary dynamics of speciation	Uni Bern	B	Seehausen Ole
Excursions (Vertebrates). Prerequisites: conservation of indigenous vertebrates, lecture.	Uni Bern	B	Seehausen Ole
Fate, bioavailability and effects of contaminants	ETH Zürich	V	Eggen Rik, Schirmer Kristin
Field Camp Hydrogeology	unine	P	Schirmer Mario
Fish Management	ETH Zürich	P	Peter Armin
Forschungs-, Praxis- und Ventureprojekt	Uni St. Gallen	S	Gebauer Heiko
General and Environmental Toxicology	ETH Zürich	V	Eggen Rik
Geomicrobiology and Biogeochemistry	ETH Zürich	G	Dittrich Maria
Gesundheit und Wasser	ETH Zürich	G	Johnston Richard, Zurbrügg Christian
Globalization of Water Resources	Uni Basel	B	Yang Hong
Graduate research seminar	Uni Bern	S	Seehausen Ole
Groundwater Chemistry	ETH Zürich	G	Hoehn Eduard
Grundlagen der Umweltchemie und Ökotoxikologie	ETH Zürich	G	Eggen Rik, Fenner Kathrin, Hollender Juliane
Grundlagen in der Ökotoxikologie	ETH Zürich	V	Eggen Rik, Schirmer Kristin
Hydrosphäre	ETHZ	V	Kipfer Rolf
Improvement of drinking water quality in developing countries: microbial and geogenic contamination	Eawag	WB	Yang Hong
Infrastructure Systems in Urban Water Management	ETHZ	V	Maurer Max
Integrated Practical Aquatic Ecology	ETHZ	P	Jokela Jukka
Integrative Risk Management and Governance	ETHZ	S	Klinke Andreas
Integrierte Exkursionen	ETHZ	P	Anselmetti Flavio
Integrierte Übungen mit realen Daten von Gewässern	ETHZ	P	Kipfer Rolf
International Nutrition	ETHZ	G	Zurbrügg Christian
Introduction à l'écotoxicologie	Eawag	WB	Campiche Sophie
Issue Coverage	unisg	S	Gebauer Heiko
Journal club macroevolution, seminar	unibe	S	Seehausen Ole
Labor für Umweltingenieurwissenschaften II	ETHZ	P	Böhler Marc

Landfilling, Nuclear Repositories and Contaminated Sites	ETH Zürich	G	Johnson Annette
Landfills & deep geological disposal	ETH Zürich	G	Hoehn Eduard
Lecture series in ecology and evolution, seminar.	Uni Bern	S	Seehausen Ole
Limnogeology incl. Field course	ETH Zürich Uni Zürich	G	Anselmetti Flavio
Limnoökologie stehender und fliessender Gewässer	ETH Zürich	G	Bürgi Hansruedi
Management and restauration of aquatic systems	ETH Zürich	G	Peter Armin
Management aquatischer Systeme	ETH Zürich	G	Wüest Alfred, Peter Armin
Microbial Growth and Physiology	ETH Zürich	G	Egli Thomas
Microbial Growth and Stress	ETH Zürich	V	Egli Thomas
Modellierung aquatischer Oekosysteme	ETH Zürich	G	Reichert Peter
Molecular Ecotoxicology	ETH Zürich	P	Eggen Rik, Fischer Beat, Schirmer Kristin
Naturwissenschaftliche Grundlagen der Allgemeinen Ökologie	Uni Bern	V	Seehausen Ole
Offenes NLU-Kolloquium "Grundlagen und Anwendungen im Natur-, Landschafts- und Umweltschutz"	Uni Basel	S	Lüthi Christoph
Ökologie natürlicher Gewässer	ETH Zürich	G	Bürgi Hansruedi
Ökologische Systemanalyse	ETH Zürich	G	Fenner Kathrin
PhD summer school on "Methods of Empirical Speciation Research"	Uni Bern	B	Seehausen Ole
Populationsbiologie	ETH Zürich	V	Jokela Jukka
Populationsbiologischer Feldkurs	ETH Zürich	P	Jokela Jukka
Praktikum Aquatische Systeme	ETH Zürich	P	Wehrli Bernhard, Durisch-Kaiser Edith, Hollender Juliane, Bryner Andri, Diem Dieter, Jokela Jukka, Kipfer Rolf
Praktikum Mikrobiologie	ETH Zürich	P	Ackermann Martin, Egli Thomas
Process Engineering I (Biological Wastewater Treatment)	ETH Zürich	G	Morgenroth Eberhard
Process Engineering II	ETH Zürich	G	Siegrist Hansruedi, Udert Kai, MorgenrothEberhard
Project on Urban Water Management	ETH Zürich	A	Siegrist Hansruedi
Quantification and reduction of diffuse pollution	ETH Zürich	G	Singer Heinz
Quantification and reduction of diffuse pollution	ETH Zürich	G	Stamm Christian
Quantitative methods II	ETH Lausanne	G	Arey Jeremy Samuel
Ringvorlesung UZH und ETHZ, Aktuelle Themen aus der Fachwirtschaft für die geographische Allg.bildung	ETH Zürich, Uni Zürich	V	Anselmetti Flavio
Sanitary engineering in developing countries	ETH Lausanne	G	Diener Stephan, Gaulke Linda, Johnston Richard, Lüthi Christoph, Tilley Elizabeth, Zurbrügg Christian

Seminar für Bachelorstudierende: Aquatische Systeme	ETH Zürich	S	Durisch-Kaiser Edith, Wehrli Bernhard
Seminar in Hydrologie	ETH Zürich	S	Hoehn Eduard
Seminar Umweltingenieurwissenschaften	ETH Zürich	S	Gujer Willi, Morgenroth Eberhard
Siedlungswasserwirtschaft GZ	ETH Zürich	G	Gujer Willi
Siedlungswasserwirtschaft GZ für Bauingenieure	ETH Zürich	G	Gujer Willi
Siedlungswasserwirtschaft II	ETH Zürich	G	Gujer Willi, Morgenroth Eberhard
Stable and Radiogenic Isotopes	ETH Zürich	P	Beer Jürg, Kipfer Rolf Schubert Carsten
Stoffwechsel von Mikroorganismen	ETH Zürich	V	Bürgmann Helmut
Summer School 2010, Environmental Systems Analysis	Eawag	G	Reichert Peter
Summer School ProDoc 2010, Module Lake Modeling	Eawag	G	Reichert Peter, Schmid Martin, Wüest Alfred
Sustainability and Water Resources (MAS: Sustainable Water Resources)	ETH Zürich	G	Tilley Elizabeth
Sustainability in water supply, water resources and aquatic ecosystems	ETH Zürich	G	Hering Janet
Systems Analysis and Mathematical Modeling in Urban Water Management	ETH Zürich	G	Gujer Willi
Taxonomie aquatischer Kryptogamen und Invertebraten	ETH Zürich	G	Jokela Jukka
Term paper 1: Writing	ETH Zürich	U	Ackermann Martin, Hering Janet, Wehrli Bernhard
Term paper 2: Seminars	ETH Zürich	S	Ackermann Martin, Hering Janet, Wehrli Bernhard
The Science and Politics of International Water Management	ETH Zürich	S	Senn David
The Science and Politics of International Water Management, Part II	ETH Zürich	S	Wehrli Bernhard
Theorie und Praxis von Governance innerhalb und ausserhalb des Nationalstaates	ETH Zürich	U	Klinke Andreas
Topics in ecosystem ecology	ETH Zürich, Uni Zürich	G	Gessner Mark
Tracers in Biogeochemistry	ETH Zürich	G	Beer Jürg, Schubert Carsten, Wehrli Bernhard
Transdisciplinary Seminar on Research for Sustainable Development	ETH Zürich	S	Klinke Andreas, Truffer Bernhard
Transport and Mixing in Natural Waters	ETH Zürich	G	Wüest Alfred
Übung - Informations-, Medien- und Technologiemanagement	Uni St. Gallen	U	Gebauer Heiko
Urbanisierung in Entwicklungsländern	ETH Zürich	B	Lüthi Christoph
Veränderung von Alltagsverhalten	Uni Zürich	S	Mosler Hans-Joachim
Water Resources and Drinking Water	ETH Zürich	G	Berg Michael, Egli Thomas, Hug Stephan, Kipfer Rolf, von Gunten Urs
Wetland and Groundwater Ecology	ETH Zürich	G	Gessner Mark, Gonser Tom
Wetland Ecology	ETH Zürich	G	Gessner Marl
Zoologie	Uni Bern	V	Seehausen Ole

## Praxisorientierte Eawag-Kurse (Peak) 2010

Datum	Titel	Kursleitung
09.03. – 10.03.2010 20.04. – 21.04.2010	Elektrofischen für Ausbildner	Peter Armin, Meng Hansjörg
18.05. – 20.05.2010	Fische in Schweizer Gewässern	Peter Armin, Müller Rudolf
08.06. – 09.06.2010	Metalle und synthetische Metallnanopartikel in der aquatischen Umwelt	Sigg Laura, Behra Renata
15.06. – 16.06.2010	Chemische Umweltanalytik	Suter Marc, Hollender Juliane
30.09.2010	Moderne Untersuchungsmethoden zur Bewirtschaftung von Grundwasser	Hoehn Eduard
05.10. – 07.10.2010	Improvement of drinking water quality in developing countries	Johnson Annette, Johnston Richard

## Mitarbeit in Kommissionen 2010

Gremium	Funktion	Namen
International Advisory Board, BMBF-Projekt LiWa	Member	Klinke Andreas
First international conference on sustainability transitions	Member of the program committee	Truffer Bernhard
Sustainable transitions research network	Member of the steering group	Truffer Bernhard, Markard Jochen
TU Eindhoven BA/MA Program in Innovation Science	Expert for the accreditation of the new program	Truffer Bernhard
NCCR North-South	member, Board of Directors	Hering Janet
UNESCO Center for Water Law	member, Research Advisory Group	Hering Janet
Leibniz-Institut für Gewässerökologie und Binnenfischerei (IGB)	Member Advisory Board	Hering Janet
Alliance for Global Sustainability	Annual Meeting Programm Committee	Hering Janet
EuCheMS International Conference on Chemistry and the Environment (ICCE 2011), Zürich, 11-15 September 2011	Member of the scientific committee	Hering Janet
WasserCluster Lunz, Austrian Interuniversity Center for Aquatic Ecosystem Research	Member Advisory Board	Gessner, Mark

Collaborative Research Project of Portuguese Foundation of Science and Technology	Member Advisory Board	Gessner, Mark
SETAC Europe advisory group: Modelling and monitoring impacts of acute stress events on ecosystems	Co-chair	Pomati Francesco
NCEAS, National Center for Ecological Analysis and Synthesis, California	Member	Robinson Christopher
Commission for Oceanography and Limnology (COL)	Member	Spaak Piet
DVGW	Beteiligung Fachgremium Membran- und Feinfiltration	Pronk Wouter
Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall, Ausschuss 'Neuartige Sanitärsysteme', Arbeitsgruppe 'Technik' (DWA AG KA-1.1)	Member	Udert Kai
German Water Association (DWA Fachausschuss KA1: "Neue Sanitärsysteme").	Member of the specialist groups KA1.8	Maurer Max
ESF Networking Program Frontiers in Speciation Research	Steering Board Member, Swiss NF representative	Seehausen Ole
Reviewing Panel European Science Foundation	Member	Seehausen Ole
Cichlid Genome Consortium / Broad Institute	Core group member / scientific advisor	Seehausen Ole
ESF, First European Conference on Speciation Research	Member of Scientific committee, Swiss NF representative	Seehausen Ole
Aguasan, Community of Practice, Switzerland	Member	Johnston Richard und andere
CWG, Collaborative Working Group on Solid Waste Management in Low- and Middle-Income Countries	Members	Zurbrügg Christian, Vögeli Yvonne
European Water Platform (WSSTP), Brussels	One-day workshop on DC research	Lüthi Christoph
Fundacion SODIS	Stiftungsrats-Mitglied	Saladin Matthias
ISWA International Solid Waste Association – Vienna, Forum Developing Countries	Delegationsmitglied	Zurbrügg Christian
KFPE, Commission for Research Partnerships with Developing Countries; SNF	VorstandsMember	Zurbrügg Christian
Skoll Global Threats Foundation	Task Force Member	Gaulke Linda
WHO Network for the promotion of household water treatment	Core member	Meierhofer Regula
WHO/UNICEF Joint Monitoring Programme Task Force on Monitoring Access to Safe Drinking-water	Member and Rapporteur	Johnston Richard
WHO/UNICEF Joint Monitoring Programme Task Force on Sanitation	Member	Zurbrügg Christian
Bundesministerium für Bildung und Forschung (BMBF) Deutschland	Gutachter	Bader Hans-Peter
Eawag Partnership Program for Developing Countries	Member	Mosler Hans-Joachim
Wissenschaftlicher Beirat Helmholtz-Zentrum für Umweltforschung (UFZ), Leipzig, Deutschland	Member	Reichert Peter
Global Water Systems Project	Scientific Steering committee member	Yang Hong
World Bank Kivu methane extraction expert group	Member	Wüest Alfred
IGKB, Internationale Gewässerschutz Kommission Bodensee	Sachverständigenkreis	Wüest Alfred

External Review Panel to Tahoe Environmental Research Facility; University of California; Davies	Member of Review Panel	Wüest Alfred
Dutch Environmental Assessment Committee	External expert	Wüest Alfred
COST Action ES0902: Permafrost and gas hydrate related methane release in the Arctic and impact on climate change - European cooperation for long-term monitoring (PERGAMON)	Swiss representative in the Management Committee	Schubert Carsten
Center of Geosciences, Austrian Academy of Sciences	Science Advisory Board member	Anselmetti Flavio
IGKB Internationale Gewässerschutzkommission für den Bodensee (Fachbereich See)	Member	Müller Beat
Management committee, COST Action TD0803	Member management committee, Working group chair	Bürgmann Helmut
Swiss Committee on Polar and High Altitude Research	Member	Beer Jürg
Helmholtz Zentrum München	Member Scientific Advisory Board	Wehrli Bernhard
International Continental Drilling Program	Member Scientific Advisory Group	Wehrli, Bernhard
IWA Design and Operations Uncertainty Task Group (DOUTGroup)	Member Task A4	Hug Thomas
Blue Ribbon Panel 'Blueprint for Change', Calgary, Canada	Member	Larsen Tove
German Water Association (DWA Fachausschuss KA1: "Neue Sanitärsysteme").	Member of the specialist groups KA1.4	Maurer Max
International Water Association specialist group 'IWA Design and Operational Uncertainty Task Group'.	Member	Maurer Max
CIPEL "Commission Internationale pour la protection des eaux du Léman", groupe de travail Micropolluants.	Member	McArdell Christa
COST Action TD0803 Detecting evolutionary hot spots of antibiotic resistances in Europe (DARE)	Member Management Committee	McArdell Christa
The Polar PAC Network	Member	Hollender Juliane
International Water Association (IWA): Member of the Young Water Professional committee	Member	Velten Silvana
SETAC Advisory group: Mechanistic Effect Models for Ecological Risk Assessment of Chemicals	Member of Steering Committee	Ashauer Roman
CIP AIS, Commissione internazionale per la protezione delle acque italo-svizzere	Experte	Behra Renata
Fachkommission der Deutschen Forschungsgemeinschaft für die Exzellenzinitiative	Member	Sigg Laura
SETAC Advisory group: Animal Alternatives	Member of Steering Committee	Schirmer Kristin
HESI project committee on animal alternatives needs in environmental risk assessment	Member	Schirmer Kristin
European Centre for the Validation of Alternative Methods (ECVAM) Scientific Advisory Committee (ESAC)	Member	Schirmer Kristin
Beirat der Fachsektion Hydrogeologie in der Deutschen Geowissenschaftlichen Gesellschaft	Member	Mario Schirmer
European Photochemistry Association, Executive Committee	Member	Silvio Canonica
GLEON: Global Lake Ecological Observatory Network	Member	David Livingstone
SIL: International Society of Limnology	Geschäftsführender Landesvertreter	David Livingstone

## **Personalvertretung**

Ghilardi Karin (administratives Personal), Traber Jacqueline und Zwysig Alois (technisches Personal, inkl. Lehrlingswesen), Gonser Tom (wissenschaftliches Personal), Schnebeli Rudolf (Doktorierende); Vorsitz: Zwysig Alois.

## **Komitee für Chancengleichheit und Genderfragen**

Perego Isabel, Vorsitzende (Oekotoxzentrum); Bollhalder Silvia (Wissenschaft); Bryner Andri (Stab); Hering Janet (Direktion); Kipfer Rolf (wissenschaftliche Abteilungsleitung); Mayer Gaby (Personalabteilung); Perisset Philippe (Support); Alp Maria (Doktorierende); Pfister Franziska (wissenschaftliche Administration); Bollhalder Lück Silvia (Technischer Mitarbeitende); Schmid Martin (Wissenschaft), Kastanienbaum); Schuwirth Nele (Wissenschaft, Postdoc); Sigg Laura (Wissenschaft); Tilley Elisabeth (Wissenschaft), Weishaupt Lilo (Protokolle)

## **Ombudspersonen**

Dübendorf: Wedema Claire, Snozzi Mario / Kastanienbaum: Hohmann Doris  
Doktorierende: Huber Alexandra (Dübendorf) / Sommer Tobias (Kastanienbaum)

## **Analytische Kommission (Anakom)**

Alder Alfredo, Ammann Adrian, Berg Michael, Brennwald Matthias, Eugster Jakob, Homazava Nadzeya (Oekotoxzentrum), Kohler Hans-Peter, Müller Beat, Reutlinger Max, Eggen Rik, Robinson Christopher, Schubert Carsten, Singer Heinz, Spaak Piet, Suter Marc (Vorsitz)

## **Kommission für das Doktoratsstudium**

Gujer Willi, Schirmer Mario, Hollender Juliane, Sigg Laura, Mosler Hans-Joachim, Ackermann Martin (Vorsitz)

## **Forschungskommission**

Beer Jürg (Vorsitz), Maurer Max, Mosler Hans Joachim, Robinson Christopher, Sigg Laura

## **Beratende Kommission**

Brunner Ursula (Präsidentin ab Mai 2010), Rechtsanwältin, Ettler Suter Rechtsanwälte, Zürich

Bachmann André (Präsident bis Mai 2010), Direktor BMG Engineering Schlieren

Fritz Günter, Leiter Umwelt, Gesundheit und Sicherheit, BASF Schweiz AG

Meyer Jürg, Direktor Infrastruktur-Services, ISS Schweiz AG, Zürich

Forster-Vannini Erika (bis Dezember 2010), Ständerätin, St. Gallen

Arbenz Peter, Präsident Helvetas

Müller Stephan R. (seit November 2010), Abteilungsleiter Wasser, Bundesamt für Umwelt, Bern

Gantner Urs, Leiter Fachbereich Forschung und Beratung, Bundesamt für Landwirtschaft, Bern

Schneider Reto (seit Mai 2010), Leiter Emerging Risk Management, Swiss Re, Zürich

Conzelmann Claus (seit Mai 2010), Leiter Safety, Health and Environmental Sustainability, Nestlé Suisse S.A, Vevey

Habegger Heinz (seit Mai 2010), Vorsteher Amt für Wasser und Abfall des Kantons Bern