



wasser
cluster
lunz

Activity Report 2010

WasserCluster Lunz GmbH



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Miscellaneous activities
Awards
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Presentation of the scientific activities at the WasserCluster

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Projects

Ongoing projects

BERG (Biofilm and Ecosystem Research Group - Battin)

- Biofilm and terrestrial carbon / MICDIF (FWF-NFN, 2007 – 2010, 250 kEur, PI deputy-coordinator)
- Graduate school "Symbiotic interactions", (University of Vienna, 2007 - 2010)
- Impact of gravel pit lakes (States of Lower Austria, Upper Austria, Styria; Forum Rohstoffe, 2008-2011, 421 kEur total budget, 135 kEur WKL; PI: Battin, Hofmann, Kainz)
- Architecture of carbon flows through fluvial networks - ARCARNET (BMWF-FWF, 2009-2012, 540 kEur total budget, PI: Battin)

BIOFRAMES (Biochemical Functions: Research and Management in Ecosystems at multiple Scales - Hein)

- CANFlood (FWF P 19907-B17, 2007 – 2010, 272 kEur, PI: Hein)
- Tools for supporting the sustainable management of freshwater wetlands with special regards to their roles in drinking water supply, sanitation, livelihood, and ecological restoration - WETWIN (FP7, EC, 2008 – 2011, 2.4 mEur total budget, 280 kEur WKL, WPL: Hein)
- ProFor (ETC, EC, PI: Hein) 2009 – 2011, 600 kEur total budget, 240 kEur WKL
- Natura 2000 (Gov. Lower Austria, EU Funds, PI: Hein) 2009 – 2011, 60 kEur
- Wespe (Sparkling Science, BMWf, PI: Hein) 2009 – 2011, 170 kEur total budget, 95 kEur WKL
- Lobau 2020 (MaB, Austrian Academy of Sciences, 2008 – 2011, 150 kEur total budget, 25 kEur WKL, PI: Arnberger (BOKU), Co-PI: Hein)
- Connectivity Lobau Phase 1 (Municipal Authority of Vienna, 2010, 1.4 mEur total budget, 60 kEur WKL annually, WP leader: Hein)

LIPTOX (Lipid and Toxicology Research Group - Kainz)

- Ostarrichi Fisch – Identification of essential dietary constituents versus potentially toxic compounds in aquatic food webs, 2009 – 2010, 150 kEur, PI: Kainz)

- CARP - Diet effects on fatty acids and methyl mercury in common carp (FWF, 2008-2011, 270 kEur, PI: Kainz)
- Adaptive abilities of Daphnia populations to increasing UVR and temperature, 2008-2010, 14 kEur, PI: Kainz)
- Effects of catchment processes and forest management in boreal forests on Hg and MeHg in surface waters (Norwegian Science Foundation, 2008-2010, 10 kEur WKL, Co-PI: Kainz).
- Impact of gravel pit lakes (States of Lower Austria, Upper Austria, Styria; Forum Rohstoffe, 2008 – 2011, 421 kEur total budget, 135 kEur WKL, PI: Kainz, Hofmann, Battin)
- LIPTEMP – Temperature and diet effects on Daphnia lipids and fitness (FWF, 2009-2012, 287 kEur, PI: Kainz)
- "Äsche" - Schwallbetrieb Drau/Möll (2010, 24 kEur, PI: Kainz)

Joint projects

- ExtremAqua (BMWF, 25 kEur, Battin, Hein, Kainz)

Granted projects

Joint projects

- ExtremAqua Extension 2010 (BMWF, 50 kEur, Battin, Hein, Kainz)

Working group profiles

BERG

- 4 postdocs
Clemens Augspurger, WCL / University of Vienna
Katharina Besemer, WCL / University of Vienna
Singer Gabriel, WCL / University of Vienna
Edward Hall, WCL / University of Vienna
- 1 research tech.
Karoline Wagner, University of Vienna
- 4 PhD students
Christina Fasching, WCL / University of Vienna
Iris Hödl, WCL / University of Vienna
Andreas Weihartner, WCL / University of Vienna
Linda Wilhelm, WCL / University of Vienna
- 6 MSc students
Julia Birtel, University of Vienna
Sabrina Hengsberger, University of Vienna
Melek Koyutürk, University of Vienna
Fred Omengo, IHE Delft
Marcellin Rutegwa, IHE Delft
Mathäus Tille, University of Vienna

BIOFRAMES

- 2 postdocs
Maren Striebel, WasserCluster Lunz
Peter Winkler, WasserCluster Lunz / BOKU Vienna
- 4 research scientist
Jennifer Fuchsberger, WasserCluster Lunz
Andrea Funk, WasserCluster Lunz
Matthias Mair, BOKU Vienna
Gabriele Weigelhofer, WCL / BOKU Vienna
- 5 PhD students
Iris Baart, WasserCluster Lunz / BOKU Vienna
Elisabeth Bondar, WCL / BOKU Vienna
Radhia Ideva, University of Vienna
Stefan Preiner, WCL / BOKU Vienna
Nina Welti, WCL / BOKU Vienna
- 8 MSc students
Nagib Batenganya, IHE Delft
Manuel Felkl, University of Vienna
Andreas Ganglbauer, University of Vienna
Christina Gaitzenauer, BOKU Vienna
Stefanie Schabhüttl, University of Vienna
Iris Schönbrunner, University of Vienna
Christina Stanek, BOKU Vienna
Bernadette Teufl, University of Vienna

LIPTOX

- 1 postdoc
Apostolos Koussoroplis, WasserCluster Lunz
- 3 PhD students
Francine Mathieu, WCL / University of Vienna
Julia Nußbaumer, WCL / University of Vienna
Sebastian Schultz, WCL / University of Vienna
- 4 MSc students
Esi Esuon Biney, IHE Delft
Brigitte Koderbauer, University of Vienna
Mariella Martinz, University of Vienna
Katrina Zsifkovits, BOKU Vienna

Publications

ISI referenced journals

BERG

Augspurger C., Karwautz C., Mussmann M., Daims H. & T. J. Battin (2010) Drivers of bacterial colonization patterns in stream biofilms. *FEMS Microbiology Ecology* 52(1): 47-57. IF 3.885

Singer, G.A., Besemer, K., Schmitt-Kopplin, P., Hödl, I.-A. & T.J. Battin (2010) Physical Heterogeneity Increases Biofilm Resource Use and Its Molecular Diversity in Stream Mesocosms. *PLoS ONE* 5(4): e9988. doi:10.1371/journal.pone.0009988. IF 4.383

Hall, E.K., Singer, G.A., Kainz, M. & J. Lennon (2010) Evidence for a temperature acclimation mechanism in bacteria: an empirical test of a membrane-mediated trade-off. *Functional Ecology* 24: 898-908. IF 4.546

Philippot, L., Andersson, S.G.E., Battin, T.J., Prosser, J.I., Schimel, J.P., Whitman, W.B. & S. Hallin (2010): The ecological coherence of high bacterial taxonomic ranks. *Nature Reviews Microbiology*, doi:10.1038/nrmicro2367. IF 19.049

Keiblinger, K., Hall, E., Wanek, W., Szukics, U., Hämmerle, I., Ellersdorfer, G., Böck, S., Strauss, J., Sterflinger, K., Richter, A., Zechmeister-Boltenstern, S. (2010): The Effect of Resource Quantity and Resource Stoichiometry on Microbial Carbon Use Efficiency. *FEMS Microbiology Ecology* 73(3): 430-440. IF 3.885

Hall, E.K., Maixner, F., Franklin, O., Daims, H., Richter, A. and Battin, T. (2010): Linking Microbial and Ecosystem Ecology Using Ecological Stoichiometry: A Synthesis of Conceptual and Empirical Approaches. *Ecosystems*. doi:10.1007/s10021-010-9408-4.

Lumjiaktase, P., Aguilar, C., Battin, T., Riedel, K., Eberl, L. (2010): Construction of self-transmissible GFP-based biosensor plasmids and their use for the identification of N-acyl homoserine-producing bacteria in lake sediment. *Applied and Environmental Microbiology*, doi:10.1128/AEM.00677-10. IF 3.686

Schneider, T., Gerrits, B., Gassmann, R., Schmid, E., Gessner, M.O., Richter, A., Battin, T., Eberl, L., Riedel, K. (2010): Proteome analysis of fungal and bacterial involvement in leaf litter decomposition *Proteomics* 10: 1819-1830, doi:10.1002/pmic.200900691. IF 5.041

BIOFRAMES

Baart, I., Gschopf, C., Blaschke, AP., Preiner, S., Hein, T. (2010): Prediction of potential macrophyte development in response to restoration measures in an urban riverine wetland. *AQUAT BOT.* 2010; 93(3): 153-162. IF 1.697

Doi, H; Cherif, M; Iwabuchi, T; Katano, I; Stegen, JC; Striebel, M. (2010): Integrating elements and energy through the metabolic dependencies of gross growth efficiency and the threshold elemental ratio. *OIKOS.* 2010; 119(5): 752-765. IF 2.97

Sommerwerk, N; Bloesch, J; Paunovic, M; Baumgartner, C; Venohr, M; Schneider-Jacoby, M; Hein, T; Tockner, K. (2010): Managing the world's most international river: the Danube River Basin. *MAR FRESHWATER RES.* 2010; 61(7): 736-748. IF 1.56

LIPTOX

Heissenberger, M., Watzke, J., and Kainz, M. (2010): Effect of nutrition on fatty acid profiles of riverine, lacustrine and aquaculture-raised salmonids of pre-alpine habitats. *Hydrobiologia* 650: 243-254. IF 1.808

Hall, E.K., Singer, G.A., Kainz, M. & J. Lennon (2010): Evidence for a temperature acclimation mechanism in bacteria: an empirical test of a membrane-mediated trade-off. *Functional Ecology* 24: 898-908. IF 4.546

Kainz, M.J., Johannsson, O.E., Arts, M.T. (2010): Diet effects on lipid composition, somatic growth potential, and survival of the benthic amphipod *Diporeia* spp. *Journal of Great Lakes Research* 36: 351-356. IF 1.525

Monographs

BIOFRAMES

Mair, M. (2010): Nitrogen Cycling in Wetland Sediments: The influence of different surface water exchange conditions on denitrification. , 88, VDM Verlag Dr. Müller; ISBN: 978-3639255904

Conference proceedings

BIOFRAMES

Arnberger, A; Eder, R; Taczanowska, K; Hein, T; Deussner, R; Kempter, I; Stanzer, G; Preiner, S; Reiter, K; Wagner, I. (2010): Urban sprawl impacts on protected forests: Simulating recreation behaviour using a visual discrete choice experiment. In: Findeis G; Arnberger A; Eder R; Schuster K. (Eds.), *Urban People Meet Urban Forests. Conference Proceedings of the 13th European Forum on Urban Forestry*, p. 16 [Urban People Meet Urban Forests. 13th European Forum on Urban Forestry, Tulln, Austria, May 25-29, 2010] 978-981-08-2100-5.

Presentations and seminars

Invited talks

BERG

Battin, T. (2010): Opportunities from hydrology for stream microbial ecology and biogeochemistry

Battin, T. (2010): European Geosciences Union General Assembly 2010 Vienna, Austria, 02 – 07 May 2010

Battin, T. (2010): Opportunities from hydrology for stream microbial ecology and biogeochemistry. 2010 American Geoscience Union Fall Meeting, 13–17 December, San Francisco

Battin, T.(2010): Microbial Biofilms, Technische Universität München, 18-19 November, 2010

BIOFRAMES

Hein, T. (2010): et al.: Nitrogen cycling in large rivers: effects of river restoration. , Colloquium at the University of Innsbruck, JAN 25, 2010, Innsbruck

Hein, T., Schabhüttl, S.(2010): Multiple benefits of wetlands in integrated river management. ICPDR Workshop: Integrating land and water management in the Tisza River Basin, APR 26-27, 2010, Szolnok

Hein, T. (2010): Experiences and visions for the Danube River floodplain in Austria. USGS Seminar, JUNE 3, 2010, La Crosse, WI

LIPTOX

Kainz, M. Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin (Germany), December 2010: The unbearable weight of being terrestrial – current advances of aquatic food web research.

Kainz, M. Australian Rivers Institute, Griffith University, Nathan (Queensland, Australia), August 2010: How we (think we) know what they feed on – current advances of aquatic food web research.

Kainz, M. Université Blaise Pascal - Clermont Ferrand, Laboratoire de Biologie des Protistes (France), May 2010: How we (think we) know what they feed on – current advances of aquatic food web research.

Scientific conferences

BERG

K. Besemer, G. Singer, I. Hödl, T. J. Battin (2010): Bacterial community composition of stream biofilms in spatially variable-flow environments. ASLO/NABS 2010 Summer Meeting. Santa Fe, New Mexico, USA

BIOFRAMES

Bondar-Kunze, E., Tritthart, M., Hein, T. (2010): Microphytobenthos development in a large river: Effect of water level fluctuations, light and fine sediment accumulation. , 31. Congress of the International Society of Limnology, Aug. 15-20, 2010, Cape Town, South Africa

Hein, T., Bondar-Kunze, E., Habersack, H., Pinay, G., Schiemer, F., Tritthart, M., Welti, N.D. (2010): How does hydrological connectivity control C & N dynamics in river floodplain systems?. , ASLO 2010 Summer Meeting, June 6-11, 2010, Santa Fe

Preiner, S., Hein, T. (2010): Effects of flood and flow pulses on primary production patterns in an urban riverine wetland of the River Danube, Austria. , 5th Annual Meeting of the European Chapter of the Society of Wetland Scientists (SWS), MAY 26-28, 2010, Tramore

Schönbrunner, I., Preiner, S., Hein, T. (2010): Impact of drying and re-flooding of sediments on the phosphorus dynamics of river-floodplain systems. Poster. Fresh Blood for Fresh Science (SIL Austria) Meeting, Lunz, 2010.

Striebel, M., Schabhüttl, S., Weigelhofer, G., Hein, T. (2010): Biodiversity, ecological stoichiometry, and productivity: the impact of temperature changes on phytoplankton communities in wetlands". Poster. Fresh Blood for Fresh Science (SIL Austria) Meeting, Lunz, 2010.

Striebel, M., Spörl, G., Stibor, H., Andersen, T. (2010): Phytoplankton biodiversity and its impact on zooplankton growth and diversity. , ASLO, 2010 Summer Meeting, 06.06.2010 - 11.06.2006, Santa Fe

Schönbrunner, I., Preiner, S., Hein, T. (2010): Impact of drying and re-flooding of sediments on the phosphorus dynamics of river-floodplain systems. Poster. Fresh Blood for Fresh Science (SIL Austria) Meeting, Lunz, 2010.

Teufel, B., Fuchsberger, J., Welti, N., Weigelhofer, G., Hein, T. (2010): Agricultural streams – a challenge for science and management. Poster. Fresh Blood for Fresh Science (SIL Austria) Meeting, Lunz, 2010.

Weigelhofer, G. (2010): The WESPe-Project, an Austrian science-education-project about climate change effects on the aquatic carbon cycle. , CarboSchools Open Conference, APR 14-16, 2010, Jena, GERMANY

Weigelhofer, G. (2010): Riparian buffer strips as a multifunctional management tool in agricultural landscapes. , COST Action 869 workshop, April 25-28, 2010, Ballater

Weigelhofer, G., Welti, N., Fuchsberger, J., Teufel, B., Hein, T. (2010): Increase of the in-stream nutrient uptake in heavily impacted, low order streams in agricultural landscapes. , INPAR Workshop, May 6, 2010, Vienna

Welti, N D; Bondar-Kunze , E; Mair, M; Oswald, P; Bonin, P; Wanek, W; Pinay, G; Hein, T (2010): Mimicking floodplain reconnections and disconnenctions using 15N mesocosm incubations. , ASLO 2010 Summer Meeting, June 6-11, 2010, Santa Fe

LIPTOX

Kainz, M. (2010): Fatty acids in ecotoxicology – combining diet retention and mercury bioaccumulation. Mercury workshop at Lake Erken, Sweden.

Chalifour, A., Kainz, M., Juneau, P. (2010): Effect of herbicides on fatty acid and pigment composition of *Chlamydomonas reinhardtii* : Consequences on photosynthetic efficiency. 15th International Photosynthesis Congress, Beijing, China.

Brett, M.T., Kainz, M., Taipale, S., Seshan, H. (2010): The importance of allochthonous carbon and phytoplankton for zooplankton production: a fatty acid biomarker assessment. ASLO, Santa Fe, USA.

Mariash, H., Kainz, M., Rautio, M. (2010): Overwintering Daphnia: Fat and reproducing. ASLO, Santa Fe, USA.

Strandberg, U., Taipale, S., Kainz, M., Brett, M. (2010): Bioconversion of omega-3 and omega-6 polyunsaturated fatty acids in Daphnia magna. ASLO, Santa Fe, USA.

Kainz, M., El-Sabaawi, R., Finlay, J. (2010): Advantages and disadvantages of using stable isotope and fatty acid biomarker analyses to infer consumer support. ASLO Santa Fe, USA workshop "A synthesis of the importance of allochthonous and autochthonous support of consumers in aquatic ecosystems".

Kainz, M., Schultz, S., Koderbauer, B., Watzke, J., Guschina, I.A. (2010): Diet source-dependent retention and bioconversion of polyunsaturated fatty acids in common carp (*Cyprinus carpio*). ASLO, Santa Fe, USA.

Schultz S., Koderbauer, B., Vallant, B., Kainz, M. (2010): Decreasing methyl mercury bioaccumulation in common carp (*Cyprinus carpio*) with increasing trophic position. ASLO, Santa Fe, USA.

Chalifour, A., Kainz, M., Juneau, P. (2010): The effect of temperature acclimation and norflurazon on fatty acid composition and photosynthesis of *Chlamydomonas reinhardtii*. Eastern Regional Photosynthesis Conference. Marine Biological Laboratory, Woods Hole, MA, USA.

Completed MSc theses 2010

Fred Omengo, "Carbon cycling in the Mara River system – Influence of land use and location in the fluvial network on organic matter processing and CO₂-production". IHE Delft (April 2010)

Marcelin Rutegwa, "Diurnal shifts of composition and sources of organic carbon in Oberer Seebach, a third order alpine headwater stream". IHE Delft (April 2010)

Esi Esuon Biney, "Effect of inorganic mercury on fatty acid composition and synthesis of the primary producer *Ankistrodesmus falcatus* and the primary consumer *Daphnia magna*". IHE Delft (April 2010)

Najib Lukoyaa Bateganya, "Hydrological and water quality characterisation of a tropical riverine wetland: Nabajjuzi, Uganda, East Africa". IHE Delft (April 2010)

Awards

Matthias Mair Scientific award of „Wiener Umweltschutzabteilung – MA 22“ and special award Water

Gabriel Singer Scientific award of „Wiener Umweltschutzabteilung – MA 22“ and special award Water

Guest researchers

Dr. Michael T. Arts (October 2010)

Dr. Irina Guschina (October 2010)

International co-operations

Université Blaise-Pascal, visiting professorship Kainz: April-Juni 2010:, Clermont-Ferrand, France

Australian Research Institute, Griffith University, Australia, Kainz:
August 2010: Lipid workshop and projectplanning (advanced by Australian Science Foundation)

International network project - Bioframes
Member of the core group of the Coordinated Research Project "Isotope Technique for Assessment of Hydrological Processes in Wetlands" of the IAEA 2006 – 2011.
Workshop September 2010, IAEA Vienna.

Summer interns

BIOFRAMES

Patrick Hiessleitner (Höhere Bundeslehr- und Forschungsanstalt Francisco Josephinum Wieselburg)

Michael Strasser (HLUW Yspertal)

Sophie Schwarz (BG und BRG Wien)

BERG

Lukas Hartmann (Höhere Bundeslehr- und Forschungsanstalt Francisco Josephinum Wieselburg)

Barbara Preiler (Paris-Lodron-University Salzburg)

Anna Teufl (Bakkalaureatsstudium University of Vienna)

LIPTOX

Stefanie Gruber (HLA für Umwelt und Wirtschaft in Ysper)

Nicole Auer (BOKU Vienna)

Scientific events and teaching at the WKL

University courses

19 April–5 May 2010: BOKU – „Kurs Lunz I – Übungen“ – 4 courses, leader: Matthias Jungwirth (262 participants)

17-19 May 2010: University of Vienna – „Lehrveranstaltung (Nr. 300483SS10)“, leader: Gabriel Singer (6 participants)

28 June –2 July 2010: BOKU – „Lehrveranstaltung (Nr. 812007) –Einführung in die Hydrobiologie“, leader: Thomas Hein (20 participants)

15-26 August 2010: University of Vienna - „Aquatische Biozänosen Kurs (SS 2010) (Lehrveranstaltung 300295)“, leader: Johann Waringer (11 participants)

27 September – 1 October 2010: BOKU – „Fischökologisches Spezialpraktikum“, leader: Günther Unfer (23 participants)

3 - 8 October 2010: BOKU – „Gütebeurteilung von Fließgewässern – Kurs II“, leader: Otto Moog (58 participants)

4 - 5 November 2010: BOKU – „Taxonomie und Ökologie“, leader: Otto Moog (15 participants)

14 -19 June 2010: University of Vienna – „Spezielle Kenntnis Schutzgüter – Arten Lebensraum“, leader: Georg Grabherr (17 participants)

21 - 23 June 2010: University of Vienna – „Umwelttechnische Übungen“, leader: Franz Jirsa (7 participants)

5 -9 June 2010: University of Vienna – „Geländepraktikum Umweltgeowissenschaften“, leader: Thilo Hofmann (10 participants)

Workshops and other activities

14 -15 April 2010: BOKU/Government of Lower Austria/Dept. of Water Economy – Introduction “Fische in der Landesverwaltung – Fischwanderhilfen 1“, leader: Gerhard Käfel (27 participants)

26 May –1 June 2010: Lernzentrum Walz, leader: Iris Hödl (16 participants)

14-19 June 2010: LAK-BOKU - MSc seminar „Management/Umwelt 22. Lg“, leader: Susanne Bäuerl (11 participants)

23-24 June 2010: BOKU/Government of Lower Austria/Dept. of Water Economy – introduction “Fische in der Landesverwaltung – Fischwanderhilfen 2“, leader: Gerhard Käfel (27 participants)

2-4 June 2010: SIL Austria – „Fresh Blood for Fresh Water“, leader: Gabriel Singer (65 participants)

3-9 July 2010: International Post-Graduate Course in Limnology (IPGL), leader: Clemens Karwautz (10 participants)

18-22 November 2010: University of Vienna – „Präparieren von Eiszeittieren“, leader: Gernot Rabeder (14 participants)

25-29 November 2010: University of Vienna – „Präparieren von Eiszeittieren“, leader: Gernot Rabeder (16 participants)

29 November 2010: WasserCluster Lunz – „WetWIN-workshop“, leader: Thomas Hein (29 participants)

Press releases

ORF newscast „NÖ Heute“ – 9 December 2010 – „Lunz ist die Stadt der Akademiker“ – Lunz as town of academics

NÖN – February 2010 – „Von Ministerin prämiert“ – Report about the awarding of two summer interns at WasserCluster Lunz by minister Doris Bures.

BOKU Insight 3/2010 – „WESPe – Schülerinnen und WissenschaftlerInnen forschen gemeinsam für die Au“ (Project AG BIOFRAMES)

Derstandard.at – 6 April 2010 – „Bakterienfauna reinigt Gewässer“ Report about the self-purification of water through microorganisms (AG BERG)

NÖN – May 2010 – „Seit 30 Jahren zu Gast in Lunz“ – Report about BOKU seminars at the WasserCluster Lunz (formerly Biological Station Lunz)

NÖN – May 2010 – „Radiofrühschoppen aus Lunz am See“ – Interview Dr Thomas Hein

NÖN – May 2010 – „Langzeitforschung in Lunz“ – Report about the LTER project „EXTREM Aqua“

OE1 – ORF radio programme on 27 June 2010 and on 29 June 2010 (rep.) – „Wasserfloh und Wellenklänge“ – Interview Dr Thomas Hein (AG BIOFRAMES)

Niederösterreich Perspektiven – June 2010 – „Wasserwelt am Ötscher - Der WasserCluster in Lunz erforscht die Gewässerökologie“ – Aquatic ecology at the WasserCluster Lunz

NÖN – July 2010 – „Hauptschüler forschten für Natura 2000-Projekt“ – Report about an excursion of the Junior High School Lunz within the project „Natura 2000“ of the AG BIOFRAMES

NÖN – July 2010 – „Trinkwasser ist ein sehr kostbares Gut“ – Report about the press conference of the „Regionalverband“ to the subject „Siedlungsentwicklung – Ver- und Entsorgungsinfrastruktur“

NÖN – August 2010 – „Kunstaktion gegen Umbau“ – art project against the reconstruction of the research institute „Biological Station Lunz“

NÖN – August 2010 – „Vom Gletscher direkt ins Labor“ – Sampling of 26 glaciers by staff members and students of AG BERG

NÖN – October 2010 – „Heins Professoren-Ernennung unterstreicht den Stellenwert“ – Professorship awarded to Dr Thomas Hein

ÖVP Lunz – October 2010 – „Biologische Station“ – Report about renovation work

Gemeindezeitung Lunz/See – October 2010 – „Bauarbeiten zur Sanierung der Biologischen Station“ – Report about renovation work

NÖN – December 2010 – „Gäste von drei Kontinenten“ – „WetWIN“ workshop of AG BIOFRAMES

ORF-Beitrag „NÖ Heute“ – 10 December 2010 – „LaVita – Gesunder Fisch aus Niederösterreich“ – Interview Dr Martin Kainz (AG LIPTOX)