

## LECTURES & PUBLICATIONS – MARCH 2011

### Veröffentlichungen / Veranstaltungen März 2011

	Titel/Title	Veröffentlichungen/Veranstaltungen Publication/Event
<b>2011</b>		
M. Marence	Dams, reservoirs und hydropower development.	UNESCO-IHE Institute for Water Education, Lectures in MSc study with education load of 5 ECTS credit points
H. Kling, Martin Fuchs, M. Paulin	Ensemble Modellierung der Abflusscharakteristik der oberen Donau unter Klimaszenarien	Tag der Hydrologie, March 2011, Vienna
Paul Oberleitner	Technik und Wirtschaftlichkeit von Pumpspeicherwerken unter Berücksichtigung der aktuellen Marktsituation und zukünftiger Entwicklungen	15. GEOALP Tagung Sarntal 2011
<b>2010</b>		
M. Marence	Small hydropower plants in Africa - Overview and Opportunities.	Nile Basin Capacity Building Conference, Cairo, 29.11.2011.
M. Marence	Dams, reservoirs und hydropower development.	UNESCO-IHE Institute for Water Education, Lectures in MSc study with education load of 5 ECTS credit points
Linortner J., Kohler R. and Zenz G.	Ermenek Dam – Monitoring during impounding	Proceedings of the 8th ICOLD European Club Symposium', Austria
Kohler R., Zenz G. and Steyrer P.	Tsankov Kamak Dam – Design, Construction and impounding	Proceedings of the 8 <sup>th</sup> ICOLD European Club Symposium, Austria
Johannes Linortner	Wasserkraftanlage Ermenek – Einstau des Reservoirs	WasserWirtschaft 4/2010
Johannes Linortner	Hydropower Plant Ermenek – Reservoir Impounding	Deutscher Talsperrenkongress, April 2010, Aachen
<b>2009</b>		
DR. HARALD KLING (CO-AUTHORS: GUPTA HV, YILMAZ KK, MARTINEZ GF)	DECOMPOSITION OF THE MEAN SQUARED ERROR AND NSE PERFORMANCE CRITERIA: IMPLICATIONS FOR IMPROVING HYDROLOGICAL MODELING.	JOURNAL OF HYDROLOGY (377): 80-91 (2009)
DR. HARALD KLING (CO-AUTHOR: GUPTA H.)	ON THE DEVELOPMENT OF REGIONALIZATION RELATIONSHIPS FOR LUMPED WATERSHED MODELS: THE IMPACT OF IGNORING SUB-BASIN SCALE VARIABILITY.	JOURNAL OF HYDROLOGY (373): 337-351 (2009)
DR. HARALD KLING	PARAMETER ESTIMATION FOR PRECIPITATION-RUNOFF MODELS (ORAL PRESENTATION).	INVITED, HWR SEMINAR, MARCH 11 <sup>TH</sup> 2009, UNIVERSITY OF ARIZONA, TUCSON, USA
DR. HARALD KLING (CO-AUTHOR: NACHTNEBEL HP)	A SPATIO-TEMPORAL COMPARISON OF WATER BALANCE MODELING IN AN ALPINE CATCHMENT.	HYDROLOGICAL PROCESSES (23): 997-1009 (2009)
DR. HARALD KLING (CO-AUTHOR: NACHTNEBEL HP)	A METHOD FOR THE REGIONAL ESTIMATION OF RUNOFF SEPARATION PARAMETERS FOR HYDROLOGICAL MODELING.	JOURNAL OF HYDROLOGY (364): 163-174 (2009)

DR. ROMAN KOHLER, DR. GERALD ZENZ	ANALYSIS AND MONITORING OF TSANKOV KAMAK ARCH DAM	PROCEEDINGS OF 2ND INTERNATIONAL CONFERENCE FOR LONG TERM BEHAVIOUR OF DAMS, AUSTRIA
ZENZ G., KOHLER R. AND FELDBACHER R.	DAM - DESIGN, CONSTRUCTION AND MONITORING	PROCEEDINGS OF 2ND NATIONAL SYMPOSIUM ON DAM SAFETY, TURKEY
JOHANNES LINORTNER	ERMENEK DAM – CONSTRUCTION, INSTRUMENTATION AND START OF IMPOUNDING	PROC. OF 2ST NATIONAL SYMPOSIUM ON DAM SAFETY ESKIŞEHİR / TURKEY (2009)
JOHANNES LINORTNER	HEPP ERMENEK PRESSURE TUNNEL – DESIGN AND CONSTRUCTION	PROC. OF WORLD TUNNEL CONGRESS 2009, BUDAPEST / HUNGARY (2009)
JOHANNES LINORTNER	PLANUNG UND AUSFÜHRUNG DES DICHTSCHIRMES FÜR DAS WASSERKRAFTWERK ERMENEK	PROC. OF 58. GEOMECHANIK KOLLOQUIUM, SALZBURG / AUSTRIA (2009)
JOHANNES LINORTNER	DESIGN AND CONSTRUCTION OF THE ERMENEK ARCH DAM	PROC. OF HYDRO 2009, LYON / FRANCE
JOHANNES LINORTNER	ERMENEK DAM – DESIGN AND EXECUTION OF THE GROUT CURTAIN	PROC. OF EUROCK 2009, DUBROVNIK / CROATIA
DR. MIROSLAV MARENCE	GEOTECHNICAL INPUT ESSENTIAL FOR POWER WATERWAY DESIGN	PROCEEDINGS OF EUROCK 2009, DUBROVNIK, CROATIA, 291-296
DR. MIROSLAV MARENCE, A. KOCBAY, J. LINORTNER	HYDROPOWER PLANT ERMENEK, TURKEY - PRESSURE TUNNEL – DESIGN AND CONSTRUCTION	PROCEEDINGS OF ITA 2009, BUDAPEST, HUNGARY
PETER STEYRER	OPTIMIZATION OF POWER CAVERN DESIGN FOR PUMPED STORAGE PLANTS: SEPARATED MACHINE/TRAFO VERSUS SINGLE CAVERN SOLUTION	PROCEEDINGS OF HYDRO 2009, LYON, FRANCE
2008		
DR. HARALD KLING (CO-AUTHOR: GUPTA H.)	UNDERSTANDING DIFFERENCES IN THE PERFORMANCE OF A PRECIPITATION- RUNOFF MODEL ON THE REGIONAL SCALE (POSTER).	IN AMERICAN GEOPHYSICAL UNION: AGU FALL MEETING, 15TH TO 19TH DECEMBER 2008, SAN FRANCISCO, CAL, USA (2008)
DR. HARALD KLING (CO-AUTHOR: YILMAZ K, GUPTA H.)	DIAGNOSTIC EVALUATION OF A DISTRIBUTED PRECIPITATION-RUNOFF MODEL FOR SNOW DOMINATED BASINS (ORAL PRESENTATION).	IN AMERICAN GEOPHYSICAL UNION: AGU JOINT ASSEMBLY, 27TH TO 30TH MAY 2008, FT. LAUDERDALE, FL, USA (2008)
DR. HARALD KLING (CO-AUTHORS: GUPTA H, WAGENER T, YILMAZ K, POKHREL P.)	PARAMETERIZATION AND PARAMETER ESTIMATION OF DISTRIBUTED MODELS FOR FLASH FLOOD AND RIVER PREDICTION.	PRESENTATION AT THE NWS OFFICE OF HYDROLOGY, FEB. 28TH, 2008, SILVER SPRING, MD, USA (2008)
DR. HARALD KLING (CO-AUTHORS: FÜRST J, NACHTNEBEL HP, HÖRHAN T.)	TRENDS IN NIEDERSCHLAG UND ABFLUSS.	MITTEILUNGSBLATT DES HYDROGRAPHISCHEN DIENSTES IN ÖSTERREICH (85): 1-43, ISSN 0567-1434 (2008)
DR. HARALD KLING (CO-AUTHORS: FÜRST J, NACHTNEBEL HP, HÖRHAN T.)	TRENDS IN HYDROLOGISCHEN VARIABLEN UND IN DER WASSERBILANZ ÖSTERREICHS.	IN BMLFUW, ÖSTERREICHISCHER WASSER- UND ABFALLWIRTSCHAFTSVERBAND (ÖWAV): AUSWIRKUNGEN DES KLIMAWANDELS AUF DIE ÖSTERR. WASSERWIRTSCHAFT: 105-115, WIEN

		(2008)
DR. MIROSLAV MARENCE	NUMERICAL MODELLING AND DESIGN OF PRESSURE TUNNELS	PROCEEDINGS OF HYDRO 2008, LJUBLJANA, SLOVENIA
(CO-AUTHOR: PETER STEYRER)	CHALLENGES IN THE DESIGN OF THE TSANKOV KAMAK PLANT	HYDROPOWER & DAMS, HYDRO 2008, LJUBLJANA
2007		
DR. HARALD KLING (CO-AUTHORS: GUPTA H.)	RELATIONSHIP BETWEEN SPATIAL DISCRETIZATION AND THE PARAMETERS AND MODEL PERFORMANCE OF PRECIPITATION-RUNOFF AND WATER BALANCE MODELS (ORAL PRESENTATION).	IN AMERICAN GEOPHYSICAL UNION: AGU FALL MEETING, 10TH TO 14TH DECEMBER 2007, SAN FRANCISCO, CAL, USA
DR. HARALD KLING (CO-AUTHOR: NACHTNEBEL HP.)	A METHOD FOR THE REGIONAL ESTIMATION OF RUNOFF SEPARATION PARAMETERS (ORAL PRESENTATION).	IN EUROPEAN GEOSCIENCES UNION: GENERAL ASSEMBLY OF THE EGU, 16TH TO 20TH APRIL 2007, VIENNA, AUSTRIA
DR. HARALD KLING (CO-AUTHOR: NACHTNEBEL HP.)	INFLUENCE OF THE SPATIAL DISCRETIZATION ON THE PERFORMANCE OF A REGIONAL WATER BALANCE MODEL (POSTER).	IN EUROPEAN GEOSCIENCES UNION: GENERAL ASSEMBLY OF THE EGU, 16TH TO 20TH APRIL 2007, VIENNA, AUSTRIA
DR. HARALD KLING (CO-AUTHORS: FÜRST J., NACHTNEBEL HP.)	SEASONAL WATER BALANCE.	IN HYDROLOGICAL ATLAS OF AUSTRIA, BMLFUW (ED.), 3RD EDITION, MAP SHEET 7.2, WIEN, ISBN 3-85437-250-7 (2007)
DR. HARALD KLING (CO-AUTHORS: FÜRST J., HÖRHAN T., NACHTNEBEL HP.)	SEASONAL TRENDS IN PRECIPITATION.	IN HYDROLOGICAL ATLAS OF AUSTRIA, BMLFUW (ED.), 3RD EDITION, MAP SHEET 2.11, WIEN, ISBN 3-85437-250-7 (2007)
DR. HARALD KLING CO-AUTHORS: FÜRST J., HÖRHAN T., NACHTNEBEL HP.)	SEASONAL TRENDS IN RUNOFF.	IN HYDROLOGICAL ATLAS OF AUSTRIA, BMLFUW (ED.), 3RD EDITION, MAP SHEET 5.10, WIEN, ISBN 3-85437-250-7 (2007)
DR. HARALD KLING (CO-AUTHORS: FÜRST J., HÖRHAN T., NACHTNEBEL HP.)	SEASONAL TRENDS IN THE WATER BALANCE.	IN HYDROLOGICAL ATLAS OF AUSTRIA, BMLFUW (ED.), 3RD EDITION, MAP SHEET 7.3, WIEN, ISBN 3-85437-250-7 (2007)
Dr. Roman Kohler (Co-author: Hofstetter G)	A Cap Model for Partially Saturated Soils	International Journal for Numerical and Analytical Methods in Geomechanics, Wiley, 2007
Dr. Roman Kohler (Co-author: Hofstetter G)	A Constitutive Model for Partially Saturated Sands and Silts.	Proceedings of the ECCOMAS, Thematik Conf. Modelling of Heterogeneous Materials, 2007
Johannes Linortner	Ermenek Dam – Design and Instrumentation	Proc. Of 1 <sup>st</sup> National Symposium on Dam Safety, DSI Ankara, Turkey (2007)
Johannes Linortner	Wasserkraftanlage Ermenek – Bau der Talsperre	Proc. Of 56th Geomechanics Colloquium, Salzburg, Austria (2007)
Johannes Linortner	Dam Excavation, Grout Curtain, Power House Excavation and Pressure Tunnel of HEPP Ermenek	Proc. Of 5 <sup>th</sup> Tyrolean Geotechnics and Tunnel day, Innsbruck, Austria (2007)
Dr. Miroslav Marence (Co-authors: P. Salk, S. Yuca, H. Kazanc, W. Hofmann, W. Berger, F. Ibetsberger)	Ermenek Dam and Hydroelectric Power Plant: a Model of bilateral Cooperation.	Tunnel, No. 3, 2007, pp 31-39.,
Paul Oberleitner	Entwicklung eines Pumpspeicherkraftwerkes am	Lecture at Institute for Hydraulics TU-Graz,

	Beginn der Liberalisierung in Südosteuropa	15.November 2007
Dr. Gerald Zenz	1.1.1.1 Surveillance of Birecik Dam	Submitted to be published for Proceedings of Dam Safety Conference May, Ankara (2007)
Dr. Gerald Zenz	1.1.1.2 Ermenek Dam – Design and Instrumentation	Submitted to be published for Proceedings of Dam Safety Conference May, Ankara (2007)
<b>2006</b>		
DR. HARALD KLING (CO-AUTHORS: FÜRST J., NACHTNEBEL HP.)	SEASONAL, SPATIALLY DISTRIBUTED MODELING OF ACCUMULATION AND MELTING OF SNOW FOR COMPUTING RUNOFF IN A LONG-TERM, LARGE-BASIN WATER BALANCE MODEL.	HYDROLOGICAL PROCESSES (20): 2141-2156 (2006)
DR. HARALD KLING	SPATIO-TEMPORAL MODELING OF THE WATER BALANCE OF AUSTRIA.	PHD DISSERTATION, UNIVERSITY OF NATURAL RESOURCES AND APPLIED LIFE SCIENCES, VIENNA, AUSTRIA (2006)
Dr. Roman Kohler (Co-author: Hofstetter G.)	An elasto-plastic cap model for partially saturated soils.	Proceedings of Sixth European Conference on Numerical Methods in Geotechnical Engineering, Taylor & Francis, 2006
Dr. Roman Kohler	Numerical Modelling of Partially Saturated Soils in the Context of a Three-Phase FE-Formulation	Universität Innsbruck, 2006
Dr. Roman Kohler (Co-authors: Lehar H., Hofstetter G.)	Bemessung von pfahlgelagerten Rohrsystemen der Tiroler Röhren- und Metallwerke AG	Universität Innsbruck, 2006
Dr. Roman Kohler (Co-author: Hofstetter G.)	Numerische Simulation des mechanischen Verhaltens teilgesättigter Böden	Neue Bauweisen - Trends in Statik und Dynamik, Tagungsband 10. Dresdner Baustatik-Seminar, Technische Universität Dresden, 2006
Dr. Roman Kohler (Co-author: Hofstetter G.)	Validation of an Extended Cap Model for partially saturated soils	Proc. of ECCM European Conference on Computational Mechanics, Solids, Structures; CD-ROM, Laboratorio Nacional de Engenharia Civil, 2006
Johannes Linortner	Dam Excavation in a steep gorge	Proc. Of 3 <sup>rd</sup> Colloquium Rock Mechanics, 2006, Vienna
Johannes Linortner	Arch dam excavation in a steep gorge	Proc. Of Hydro 2006, Porto Carras, Greece
Werner Mayr	Thermodynamic Efficiency Measurement – Method of Partial Expansion and Direct Method	IGHM Seminar, Portland 2006
Paul Oberleitner	Design of Hydropower Plants	Lecture at Institute for Hydraulics TU-Graz, 16.March 2006
Peter Steyrer, Paul Oberleitner	Engineering im Wasserkraftwerksbau: Erfahrungen - Herausforderungen - Erfolge	Vortragsreihe zur Wasserwirtschaft, Graz (2006)
Peter Steyrer	The Tsankov Kamak Scheme in Bulgaria - Opportunity for CO <sub>2</sub> Credits	Proceedings at Hydro 2006, Porto Carras
Peter Steyrer	Das Speicherkraftwerk Tsankov Kamak in Bulgarien	Symposium Stauhaltungen und Speicher, Graz, 2006
Dr. Gerald Zenz	1.1.1.3 Dam Excavation in a Steep Gorge	Proceeding, 3 <sup>rd</sup> Colloquium - Rock Mechanics - Theory and Practice, 2.-3. March, Vienna (2006)
Dr. Gerald Zenz	1.1.1.4 Arch Dam Excavation	Proceedings of Hydro 2006, Porto Carras, 25.-28. September, Greece, (2006)
Dr. Gerald Zenz	The Tsankov Kamak scheme in Bulgaria – opportunity for CO <sub>2</sub> credits	Hydro 2006, Porto Carras
Dr. Gerald Zenz	Speicherkraftwerk Tsankov Kamak in Bulgarien	Symposium Stauhaltungen und Speicher – Von der Tradition zur Moderne, Graz (2006)

## 2005

Dr. Martin Fuchs (Co-authors: Dreher J.; Kruszewski A.; Niedbala J.; Niwinski J.; Nagler)	Development of a modelling platform for real-time flood forecasting in Poland.	European Geophysical Union, General Assembly April 24-29, 2005, Vienna.
Dr. Harald Kling (Co-authors: Fürst J., Nachtnebel HP.)	Seasonal and spatially distributed modelling of snow melt and accumulation for the water balance of Austria (oral presentation).	VIIIth IAHS Scientific Assembly, 4th to 8th April 2005, Foz do Iguassu, Brasil (2005)
Dr. Miroslav Marenc	Design of pressure tunnels of hydro power plant Ermenek.	ITA Conference 2005, Istanbul.
Dr. Herbert Weilguni	Strategie zur statistischen Bewertung der Wasserqualität des Beobachtungsgebietes in den Perioden vor Stau und bei Vollstau.	Forschung im Verbund Band 96 Verbund, Wien (2005)
Dr. Herbert Weilguni (Co-author: Picher, W.)	Wasserqualitätsentwicklung im Stauraum Kraftwerk	Forschung im Verbund Band 96 Verbund, Wien (2005)
Dr. Gerald Zenz	1.1.1.5 Dam Engineering - Concrete Dams	International Experts Seminar on 'Dam Surveillance Practice', Kaprun, Salzburg, May, (2005)
Dr. Gerald Zenz	1.1.1.6 Dam Engineering - Concrete Dams	International Experts Seminar on 'Dam Surveillance Practice', Kaprun, Salzburg, May, (2005)
Dr. Gerald Zenz	1.1.1.7 Modeling of Discrete Joints in Concrete Dams	Conference Proceeding, Session on Numerical Modeling of Concrete Structures; International Conference on Computation of Shell and Spatial Structures, IASS-IASM 1.-4. Juni Salzburg (2005)
<b>2004</b>		
Dr. Roman Kohler (Co-author: Hofstetter G.)	A modified cap model for partially saturated soils	Advanced Numerical Analysis of solids and Structures and Beyond, Conference Proceedings, Verlag der Technischen Universität Graz, 2004
Dr. Roman Kohler	Numerical modelling of partially saturated soils	Proceedings of the fifth International PhD. Symposium in Civil Engineering, A.A. Balkema Publishers, 2004
Dr. Miroslav Marenc	Comparison of international and Austrian rock meccal design procedures.	EUROCK 2004 & Geomechanics Colloquium, Schubert (ed.), Salzburg, Seiten 41-46.
Dr. Miroslav Marenc	Examples of geomechanical design and experiences at the Ermenek Hydro Power Plant.	EUROCK 2004 & Geomechanics Colloquium, Schubert (ed.), Salzburg, Seiten 47-52.
Paul Oberleitner	New developments for river power plants in Austria	Lecture at Institute for Hydraulics TU-Graz, 6.May 2004
Dr. Gerald Zenz	1.1.1.8 'Refurbishment of Salza Dam in Austria'	Proceedings of Dam Safety Problems and Solutions-Sharing Experience; ICOLD 72 <sup>nd</sup> Annual Meeting, Seoul (2004)
Dr. Gerald Zenz	1.1.1.9 Concrete Dams - Design Considerations - Static and Dynamic Analysis	Course on Structural safety assessment of dams; CISM 14.-17.December (2004)
<b>2003</b>		
Johannes Linortner	Execution of Cut Off Wall at the HEPP Borcka & Muratli	18. Christian Veder Kolloquium, University of Graz/Austria 2003
Dr. Miroslav Marenc	Hydro-power plant Mostarsko blato – A multi-purpose project in karst.	Hydro 2003. Cavtat, Croatia
Paul Oberleitner	The Arlberg Escape and Rescue Tunnel Project	Lecture in preparation for ITA World Tunnelling Congress in Milano 2001,

Dr. Wolfgang Pospischil (Co-authors: G. Paulus, P. Bachhiesl, S. Aberle)	Strategic planning and simulation of electricity transmission grid infrastructure	published in the Congress Proceedings VERBUND Energy Symposium, Fuschl, Salzburg, Austria (2003)
Dr. Wolfgang Pospischil (Co-authors: G. Paulus, P. Bachhiesl)	Strategic Planning and Simulation of Electricity Transmission Grid Infrastructure: New Opportunities for Public Participation (reviewed)	International Conference on Public Participation and Information Technologies (ICPPIT-03); Massachusetts Institute of Technology, Cambridge, USA (2003)
Dr. Herbert Weilguni (Co-author: Marini, G.W.)	Hydrological Information System based upon on-line monitoring	Science & Technology 47/2 (2003)
Dr. Gerald Zenz	1.1.1.10 Seismic Analysis of Koelnbrein Dam	Submitted to be published in Proceedings of ICOLD - Congress Montreal - 2003- Q83
Dr. Gerald Zenz	1.1.1.11 Integrity Assessment of Large Concrete Dams	Conference Proceedings of ICOLD - Q83 - (2003)
Dr. Gerald Zenz	1.1.1.12 Arch Dam and Foundation Bearing Behaviour	Rock and Soil Engineering, FELSBAU 21, No. 5, pp.120-126; (2003)
Dr. Gerald Zenz	1.1.1.13 Concrete Dams - Safety Assessment and Design	Bulgarian-Austrian Seminar on Safety of Hydraulic Structures; Sofia (2003)
<b>2002</b>		
Ali Enver Abiral, Peter Steyrer , Johannes Linortner	Hydroelectric power plants Borcka and Muratli, Coruh river	Conference Proceedings The International Journal on Hydropower & Dams, Aqua Media International, Kiris, Turkey (2002)
Dr. Martin Fuchs (Co-authors: Jorge Dreher, Kruszewski A., Niedbala J., Janusz Niwinski)	A hydrological Monitoring, Forecasting and Warning System for Poland.	16 <sup>th</sup> International Conference: Informatics for Environmental Protection (EnvirolInfo) Sept. 25 – 27, 2002 in Vienna, Austria.
Dr. Martin Fuchs (Co-authors: Nachtnebel, H.-P.; Kohl, B.; Markart, G.)	Study of rain-on-snow processes at different scales against the background of climate change.	European Geophysical Union, General Assembly April 22-27, 2002, Nice.
Dr. Roman Kohler	Parameterstudie für die gekoppelte numerische Simulation der Entwässerung von Böden mittels Druckluft	Diploma thesis, University of Innsbruck, 2002
Dr. Otto Kronberger (Co-author: R. Naderer, M.D. Pekcagliyan)	Design and construction of the Ermenek project.	The International Journal on Hydropower & Dams, Volume Nine, Issue 5, 2002
Dr. Otto Kronberger (Co-author: Dr. Thomas Kriesch)	Contribution of Austrian companies to hydraulic engineering instancing hydro power plant Ermenek, Turkey.	Symposium of the Austrian Hydro Trade Association, Vienna, Austria, 2002
Johannes Linortner	Injections in Soil and Rock at the HEPP Borcka & Muratli	17. Christian Veder Kolloquium, University of Graz/Austria 2002
Dr. Miroslav Marenc	Design of a hydro power plant with special regard to an environmental friendly solution.	2 <sup>nd</sup> International Symposium on "Hydroelectric power plant - Regenerative energy for today and tomorrow", Sibenik, Croatia, 2002, Seite 198-203
Dr. Miroslav Marenc	Tunnel portal construction in difficult geotechnical conditions.	5 <sup>th</sup> European Conference on Numerical Methods in Geotechnical Engineering, NUMGE 2002, Paris, pp 549-554.
Dr. Janusz Niwinski	A Hydrological Monitoring, Forecasting and	16th Int. Conference: Informatics for

(Co-authors: Jorge Dreher, Dr. Martin Fuchs, A. Kruszewski, J. Niedbala)	Warning System for Poland	Environmental Protection (2002)
Paul Oberleitner	Controlling aspects during planning and construction of the Austrian Lieferung Highway Tunnel	Lecture of ASFINAG Workshop October 2000 in Vienna
Peter Steyrer, Reuter	Storage power Plant Project at Sakarya River, Turkey	Proceedings of Hydro 2002, Kiris
Dr. Herbert Weilguni (Co-author: Marini, G.W.)	Hydrological Information System based upon on-line monitoring	Conference Automation in Water Quality Monitoring – AutMoNet (2002)
Dr. Gerald Zenz	1.1.1.14 Erdbebenberechnung von Talsperren in Österreich	Wasserwirtschaft - Zeitschrift für Wasser und Umwelt 92. Jahrgang - 10/2002
Dr. Gerald Zenz (Co-author: Abiral A., Linortner J.)	HEPP Borcka & Muratli – River Plants at Coruh River, Turkey	Hydro 2002, Kiris
Dr. Gerald Zenz (Co-author: Reuter)	PSHEPP Sariyar – Pumped Storage Power Plant Project at Sakarya River, Turkey	Hydro 2002, Kiris
<b>2001</b>		
Dr. Martin Fuchs (Co-author: Nachtnebel H.-P.)	Assessment of climate change impacts on the hydrological cycle in Austria.	Workshop on Assessment of climate change impacts on the hydrological cycles in the Danube basin held on May 8, 2001 in Deggendorf, Germany.
Dr. Wolfgang Pospischil	Architecture of a spatial and processual Decision Support System in the business field of energy	PhD Thesis, Salzburg, Austria; Beirut, Lebanon (2001)
Peter Steyrer	Innovative Lösungen bei der Planung zweier türkischer Flusskraftwerke	Vortragsreihe zur Wasserwirtschaft, TU Graz, 2001
Dr. Gerald Zenz	1.1.1.15 ICOLD Benchmark Workshops on Dam Safety	Hydropower & Dams, Volume Eight, Issue 2, pp.75-78
Dr. Gerald Zenz	1.1.1.16 Erdbebenberechnung von Talsperren in Österreich	Infotag Erdbeben, Aktueller Stand und Handlungsbedarf, Arsenal Wien, 10 Mai
Dr. Gerald Zenz	1.1.1.17 Seismic Analysis of Austrian Dams	Proceedings of the 69 <sup>th</sup> Annual ICOLD Meeting in Dresden, Volume I pp327-340, September
<b>2000</b>		
Jorge Dreher (Co-authors: F. Gampe, M. Kirchebner, G. Kubu, T. Nagler, H. Rott, R. Schmalfuß, M. Schönerklee, G. Triebnig, Z. Wu, E. Zeller)	Hydrological Services: the Need for the Integration of Space Based Information	Proceedings of the International Symposium „Geomark 2000“
Dr. Martin Fuchs (Co-authors: Nachtnebel H.-P., Kohl, B., Markart G., Patzelt G.)	Development of a hillslope model for simulating the hydrological processes taking place during heavy rainfall on snow.	Österreichische Wasserwirtschaft 52 (7/8), 2000, P. 181-194.
Dr. Martin Fuchs (Co-authors: Kohl B., Markart, G., Patzelt G.)	Heavy rain on snow.	Annals of Glaciology, Cambridge, (32), 2000, P. 33-38.
Dr. Martin Fuchs (Co-authors: Eder G., Nachtnebel, H.-P., Loibl W.)	Semi-distributed modelling of the monthly water balance in an Alpine catchment.	Journal of Hydrological Processes, 19(12), 2000:2005, p.2339-2360

Dr. Martin Fuchs (Co-authors: Kohl B., Markart G.)	Heavy precipitation on snow.	Proceedings of the International Workshop on Hazard Mapping in Avalanching Areas, 2- 7 April 2000, St.Anton-Tyrol.
Dr. Martin Fuchs (Co-author: Nachtnebel H.-P.)	Adaptation of a conceptual hydrological model to simulate runoff in two Alpine river basins exposed to different climatic conditions.	Proceedings of the Workshop on Advanced Techniques for the Assessment of Natural Hazards in Mountain Areas, Innsbruck, 2000.
Werner Mayr	Thermodynamic Efficiency Measurement on a Pelton Turbine before and after Rehabilitation	IGHEM Seminar, Kempten 2000
Dr. Wolfgang Pospischil (Co-authors: A. Debs, L. Finley, C. Hansen, P. Hirsch/ EPRI, A. Moliner, R. Podmore)	Critical Technologies for Power System Operation, Planning & Trading	Lisboa, Portugal (2000)
Dr. Wolfgang Pospischil ( Co-authors: A. Debs, M. Garnett, W. Kienle, M. Yehia, P. Thaller)	GIS in Energy Management' Energy	Round Table – AGIT 2000, Salzburg, Austria
Dr. Wolfgang Pospischil (Co-authors: Plutzar, C., A. Grübler, V. Stojanovic, L. Riedl	A GIS-based Approach for Modeling the Spatial and Temporal Development of Night-time Lights'	Wichmann (2000)
Dr. Wolfgang Pospischil (Co-authors: A. Debs, L. Finley, C. Hansen, R. Podmore)	Information & System Technologies for Electricity Markets & Independent System Operators	San Francisco, California, USA (2000)
Peter Steyrer	Die Flusskraftwerke Borcka und Muratli	ÖIAV - Plattform Wasserbau Innsbruck (2000)
Dr. Herbert Weilguni (Co-authors: Humpesch, U.H., Schiel, H., Dujmic, A.)	The New Danube in Vienna (Austria): a flood- relief channel, surrounding wetlands and associated problems for management.	Archiv for Hydrobiologie (2000)
Dr. Herbert Weilguni	Long-term processes and regulation in the flood- relief channel New Danube in Vienna (Austria) - current position and proposals for management control strategies	Supplementband Large Rivers (2000)
Dr. Herbert Weilguni	Content as a basis for an aquatic management - case study: New Danube in Vienna	(2000)
Dr. Herbert Weilguni	Water-quality of the Danube river as driving factor for the trophical status of the flood relief channel in Vienna	(2000)
Dr. Herbert Weilguni (Co-authors: Humpesch, U.H., Dujmic, A.)	Neue Donau 1999: Hochwasser – trophische Balance.	(2000) Report for the City of Vienna MA45
Dr. Herbert Weilguni (Co-authors: Humpesch, U., Kavka, G.G.)	The River Danube as the nutrient source for the New Danube: the long-term trend of the nutrient variables.	(2000)
Dr. Gerald Zenz	1.1.1.18 Arch dam design considerations	Proceedings of the Workshop on Arch Dam Design and Analysis, Edited by the Laboratory of High Dams and Large Structures, Tsinghua University, Sept. 11th -

			15th, Beijing 2000
Dr. Gerald Zenz	1.1.1.19	Performance of Schlegeis Arch Dam	ICOLD Congress Bulletin, Q-78 Monitoring of Dams and their foundation, pp. 1147-1161, Beijing 2000
Dr. Gerald Zenz	1.1.1.20	Long-term behaviour of dams considering earthquake loading	Rock and Soil Engineering, Felsbau 18 Nr.5 (2000), pp.48 - 56.
<b>1999</b>			
Jorge Dreher Dr. Amarasinha Gunatilaka		Water quality issues associated with hydropower	Hydropower into the Next Century – III' , Gmunden, Austria (1999)
Dreher, J. (Co-authors: Nhamucho, R., G. Pevny)		Rede Telemétrica e Programa de Gestão da Bacia do Umbeluzi, Mozambique	SILUSBA. Coimbra, Portugal, May 1999
Dr. Martin Fuchs (Co-authors: Nachtnebel H.-P., Hebenstreit K., Diernhofer)		The Effects of Potential Climatic Changes on the Utilisation of Hydro Power in Alpine River Basins	Österreichische Wasserwirtschaft 51, (9/10), 1999, S. 262-275.
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Dr. Wolfgang Pospischil		The Visualisation Model: A Strategic Advantage in a Competitive World	The Second European Conference: Enabling Technologies & Systems for the Business Driven Electric Utility Industry, World (1999)
Peter Steyrer, Reuter		Investigation on pumped-storage power utilization in Turkey	Hydropower into the next Century, Gmunden (1999)
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Dr. Gerald Zenz	1.1.1.21 Arch Dam Analysis with Base Joint Opening	V <sup>th</sup> Intern. ICOLD Benchmark Workshop, Denver, Colorado 1999
Dr. Gerald Zenz	1.1.1.22 Uplift Pressure and Stress Analysis of an Arch Dam and Foundation – Comparison of Results	V <sup>th</sup> ICOLD Benchmark Workshop, Denver, Colorado 1999
Dr. Gerald Zenz	1.1.1.23 Concrete Dam Foundation Conditions at the Birecik Dam Project – Technical and Contractual Aspects	67 <sup>th</sup> Annual ICOLD Meeting, Antalya, Turkey, 1999
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Paul Oberleitner	Selzthaltunnel 2. Röhre Vorbereitung – Planung – Aktuelle Bauerfahrungen  (Selzthaltunnel 2 <sup>nd</sup> Tunnel; Preparation – Design – current construction experiences)	Proceedings in ITA Tunnelling Congress, Salzburg, Austria, 1998
Dr. Gerald Zenz	1.1.1.24 Concrete Dam Safety Assessment under Earthquake Excitation	Proceeding of Int. Symposium on New Trends and Guidelines on Dam Safety, Barcelona, Spain 1998
Dr. Gerald Zenz	1.1.1.25 The Key to Design and Maintain	Participation in Austrian Hydropower

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Dr. Gerald Zenz	1.1.1.26 Manifold Geotechnical Challenges during the Foundation of Birecik Hydro Power Plant	Rock and Soil Engineer, Felsbau 16, Nr. 6, pp. 404-412, 1998
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Hans Döpfer (Co-author: Greiner)	Risk management and Tendering for Underground-Buildings	ITA- World Tunnel Congress, Vienna, 1997
Jorge Dreher Dr. Amarasinha Gunatilaka	Donaukraftwerk Freudenau - Bewirtschaftung der Grundwasserverhältnisse im Stauraum	Österreichische Ingenieur- und Architekten Zeitschrift (OIAZ) (1997)
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Dr. Thomas Kriesch, Dr. Markus Verworner	BOT – A concept for private sector financing demonstrated on the model of HPP Birecik, Turkey	Proceedings of the Dix-neuvième Congrès de Grands Barrages, Florence, 1997
Dr. Janusz Niwinski	Elements of the Vienna Flood Protection System	Kaskade 2/3 (1997)
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Peter Steyrer, Hans Döpfer	Construction of new waterways for the Gerlos power plant '	ÖIAZ-Österreichische Ingenieur- und Architekten-Zeitschrift (1997)
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Hans Döpfer	Risiken beim TBM-Vortrieb am Beispiel eines Kraftwerksstollens (Risks of TBM-driving in tunnel systems of power plants)	DACH-Symposium, Dresden, 1996
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Jorge Dreher Dr. Amarashinha Gunatilaka	Ground water management in the city of Vienna. Modeling, Testing & Monitoring for Hydro Power Plants	Hydro Power & Dams 2: (1996) pp. 545 - 554
Josef Gruber	Das neue Speicherkraftwerkskonzept Gerlos II	Elektrotechnik und Informationstechnik, e & i 2/1996, S. 95 - 101
Peter Heinrich	Planung und Bau des Salzachkraftwerkes Kreuzbergmaut	VEÖ-Journal, Heft 9, September 1996
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Johannes Linortner	Support Structures in Soil Engineering	11 <sup>th</sup> Christian Veder Kolloquium, University of Graz/Austria 1996
Dr. Miroslav Marenc	Bewertung von geotechnischen Risiken beim Eisenbahntunnelprojekt in FYRO Mazedonien .	Geomechanik-Kolloquium 1996, Felsbau 6/96, S. 332-336
Dr. Miroslav Marenc	Finite Element Modelling of Pressure Tunnel.	Computational Methods in Applied Sciences, ECOMAS Conference 1996, Paris, John Wiley & Sons, S. 211-217
Werner Mayr	20 years of experience with the thermodynamic method.	IGHM Seminar, Montreal 1996
Dr. Janusz Niwinski	Simulation Techniques for the Restructuring of the Industry in Emerging Countries Economies	Danube Adria Association for Automation & Manufacturing (1996)
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Peter Steyrer	Hydraulic versus construction aspects in relation to	Conference on Modelling, Testing &

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Peter Steyrer	Erneuerung der Triebwasserführung des KW Gerlos	ÖIAV-Vortragsveranstaltung: Überwachung, Erhaltung und Erneuerung von Wasserkraftanlagen in Tirol, Innsbruck, 1996
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Dr. Gerald Zenz	Nichtlineare dynamische Berechnung von Talsperren	Abaqus Anwendertreffen, Linz, Austria, 1996
Dr. Gerald Zenz	Soil-Structure Interaction in Dam Analysis	Proceedings of the International Symposium on Seismic and Environmental Aspects of Dam Design, 64 <sup>th</sup> Annual ICOLD Meeting, Santiago-Chile, 1996
<b>1995</b>		
Dreher, J., Gunatilaka A.	Assessment of hydraulic connectivity of the Danube via chemical gradients	Proceeding of an international symposium on „The Ecology of Large Rivers“ held in Krems, Austria (1995)
Dreher, J., Gunatilaka A.	On-line monitoring of low levels of ammonia, DOC, and petroleum hydrocarbons in bank filtered ground water	Proceedings of an international symposium on „The Ecology of Large Rivers“ held in Krems (1995)
Dr. Miroslav Marenc	Finite element modeling of bolted rock slopes.	Engineering Modelling, Vol. 7, No. 1, Split, Croatia, 1995
Dr. Miroslav Marenc	Numerical model of rock bolts under consideration of rock joint movements.	Rock Mechanic and Rock Engineering, Vol. 28, No. 3, 1995, S. 145-165
Dr. Janusz Niwinski	Choosing Simulation Software for Flexible Job Shop Environment	Eurosim Congress (1995)
Peter Steyrer (Co-author: Sametz)	Surge Tanks with reserve flow throttle for pumped storage power plants	Hydropower & Dams, Vol. 2, Iss. 2, 1995
Dr. Herbert Weilguni (Co-authors: Humpesch, U.H., Dujmic, A.)	Limnologische Studie: Neue Donau. Quantitative Analyse des Unter-suchungszeitraumes 1987-1994 und Prognose zur Phosphorentwicklung unter Berücksichtigung der Inbetriebnahme des Kraftwerkes Freudenau	(1995) Report for the City of Vienna MA45
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Dr. Gerald Zenz	1.1.1.35 Application of contact – friction interface element to tunnel excavation in faulted rock	Computers and Geotechnics 17, pp. 349-370, 1995

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Hans Döpfer	Die Erneuerung des Kraftwerkes Gerlos (Refurbishment of the Gerlos hydro power plant)	Hydraulic Engineering Symposium at the Technical University of Graz, 1994
Jorge Dreher	Mathematische Grundwassermodelle	Wissenschaftliche Blätter, Angewandte Ökologie, Wissenschaftliche Landesakademie für Nieder-österreich, Krems (1994)
Jorge Dreher (Co-authors: Dr. Amarasinha Gunatilaka, A. Richter)	Dissolved organic carbon dynamics in a groundwater environment	Internat. Verein. Limnol (1994)
Jorge Dreher (Co-authors: Pospisil P., D.L. Danielopol)	Measuring dissolved oxygen in simple and multi - level wells	Stanford Proceedings of the Second International Conference on Ground Water Ecology (1994)
Dr. Amarasihna Gunatilaka (Co-authors: Duncan, A. and F. Schiemer)	Limnological aspects of landscape management in Sri Lanka	Josef Margraf, Wiesbaden, pp 350-362. (1994)
Jürgen Kummerer	Schachtkrafthäuser - Statische und dynamische Auslegung	Internationales Symposium für Pumpspeicherwerke, Sept. 1994, Nanjing, China
Dr. Miroslav Marenc	New Austrian Tunneling Method applied in London Clay.	Croatian National Symposium on Geotechnical Engineering in Transportation Projects, Novigrad, Croatia, 1994, S. 471-478
Dr. Miroslav Marenc	Numericko modeliranje sidra u stijenskoj masi (Numerical modeling of rock bolts in rock mass).	Gradjevinar, Vol 46, No. 6, Zagreb, Croatia, 1994, S. 325-332
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Werner Mayr	Mölpumpwerk. Untersuchungen über den Einsatz von drehzahlgeregelten Motoren	8. Internationales Seminar Wasserkraftanlagen an der TU-Wien, 1994
Dr. Janusz Niwinski	Simulation for Manufacturing Environment	Central Manufacturing Technology Institute-Bangalore (1994)
Dr. Janusz Niwinski	Simulation for Indian Industry	Manufacturing Technology Institute – Bangalore (1994)
Dr. Janusz Niwinski	Living On and From the Danube - Management of the Austrian Section of the Danube River	Proceedings of the Conference on Problems of Management and Exploitation of the Lower Vistula (1994)
Peter Steyrer (Co-author: Stäuble)	Bau der neuen Triebwasserführung des Kraftwerkes Gerlos (Constructing the new Supply Water System for Gerlos Power Station )	Tunnel 2/94, Köln, 1994
Peter Steyrer (Co-author: Stäuble)	Surge Tanks with Reverse - Flow Throttle - An effective throttling device for the hydraulic Systems of pumped storage power plants	International Symposium on Pumped Storage Development, Nanjing, 1994
Peter Steyrer (Co-author: Ganahl, Gerstner)	Stollenvortrieb und Quellbeeinflussung - Jahre Erfahrungen im alpinen Kraftwerksbau	Geomechanik-Kolloquium, Salzburg, 1994
Dr. Herbert Weilguni (Co-authors: Humpesch, U.H., Dujmic, A.)	Neue Donau - Badesaison 1993. Badewasserqualität und Nährstoff-gehalt unter Einbeziehung des Grundwassereinflusses - Erstellung einer Nährstoffbilanz	(1994) Report for the City of Vienna MA45
Dr. Herbert Weilguni	Oberflächen-Hydrographie im Einzugsgebiet des Gewässersystems "Hinterer Rettenbach - Fischbach	(1994) Report für Verein Nationalpark Kalkalpen
Dr. Herbert Weilguni	Ökosystem Karstgewässer - Verteilung und Dynamik ausgewählter biotischer Parameter bei stark variierenden hydrologischen Bedingungen	(1994)

Dr. Gerald Zenz	Influence of Inspection Galleries on local Crack Propagation	Proceedings of International Workshop "Dam Fracture and Damage", Chambéry, France, March 1994
Dr. Gerald Zenz	Arch Dam Investigation Emphasising Rock Interaction Analysis	Proceedings of 8 <sup>th</sup> International Conference of the Int. Assoc. for Computer Methods and Advances in Geomechanics, IACMAG, West Virginia, USA, May 1994
Dr. Gerald Zenz	Comparison of non-linear joint behaviour for arch dam analysis	Contribution 3 <sup>rd</sup> Benchmark Workshop on Numerical Analysis of Dams, Paris, France, Sept. 1994
Dr. Gerald Zenz	1.1.1.36 Statische und dynamische Talsperrenberechnung (Static and dynamic dam calculation)	ABAQUS Anwender Treffen, Salzburg, 1994
Dr. Gerald Zenz	1.1.1.37 Earthquake Analysis for Gravity Dams	Proceedings of Europe. Conference on Earthquake Engineering, Vienna, 1994
Dr. Gerald Zenz	1.1.1.38 Modelling and Analysis of Arch Dams, Tunnels and Caverns	SDCR User Meeting, IEAS Supertab, Bad Brückenau, Nov. 1994
<b>1993</b>		
Hans Döpfer (Co-authors: P. Schöberl, H. Huber)	Kraftschlüssige Rissinjektion an der Gewölbemauer Zillergründl (Crack grouting at the Zillergründl arch dam)	Injection Symposium, October 11-12, 1993
Jorge Dreher	Die geologischen Vorerkundungen und die Grundwasserverhältnisse beim Kraftwerk Freudenau	Teil II: Grundwasserverhältnisse beim Donaukraftwerk Freudenau' Mitt. d. Inst. F. Bodenforschung und Baugeologie (1993)
Helmut Krisch (Co-authors: Steiner, H.A., Bachhiesl, M.)	Der Sechs-Stufenplan zum Ausbau der Sava	Österreichische Zeitschrift für Elektrizitätswirtschaft, Springer Verlag, Wien – New York (1993)
Dr. Otto Kronberger (Co-author: P. Schubert, H. Winter)	Alternative design of cross passages at Nankang line of MRT Taipei.	Symposium on Taipei Rapid Transit Systems, Taipei, Taiwan, 1993
Dr. Miroslav Marenc	Design of rock bolts with numerical models.	Impact of Computational Mechanics to Engineering Problems, Pulmano & Murti (eds.), Sydney, 1993, S. 147-155.
Dr. Miroslav Marenc	Numerical Model of Rockbolts under Consideration of Rock Joint Movements.	1993, Dissertation, Universität Innsbruck.
Peter Steyrer (Co-author: Gerstner, Kurzthaler)	TBM-Vortrieb in wechselhaftem Gebirge Prognosemodell durch geoseismische Untersuchungen	Geomechanik-Kolloquium, Salzburg, 1993
Peter Steyrer (Co-author: Stäuble)	Die I. Ausbaustufe zur Erneuerung des Kraftwerkes Gerlos	Österreichische Zeitschrift für Elektrizitätswirtschaft ÖZE, Wien, 1993
Dr. Herbert Weilguni	Einzugsgebiet, Morphologie und Sedimentstruktur des Karstgewässersystemes Hinterer Rettenbach-Fischbach	(1993)
Dr. Herbert Weilguni (Co-author: Tockner, K.)	Verteilung und Dynamik des partikularen organischen Materiales (POM) im Hinteren Rettenbach und im Fischbach	(1993)
Dr. Gerald Zenz	Comments on the Arrangement of Grout Curtains with Special Regard to Uplift Pressures in the Case of Large Dams	International Workshop on Dam Safety Evaluation, Grindelwald, Switzerland, Vol.1, 223-228, (1993)

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Hans Döpfer	Der neue Triebwasserstollen des Gerloskraftwerkes in Planung und Ausführung  (Planning and construction of the new pressure tunnel at the Gerlos hydro power plant)	Lecture at the 40th Geomechanical Colloquium in October 1991  Published in "Felsbau" 10 (1992) Nr. 3 (magazine for geomechanics and engineering geology), pp 134 – 136  Publisher: Österreichische Gesellschaft für Geomechanik (Austrian Society for Geomechanics)
Hans Döpfer	Erneuerung des Gerloskraftwerkes: Betontechnologie und Optimierung für die Hinterbetonierung des Druckschachtes (Refurbishment of the Gerlos hydro power plant: concrete technology and optimization of the concrete back lining of the pressure tunnel)	Lecture at "Österreichischer Betontag" 1992 (Austrian Congress on Concrete Technologies)  Published within the series of publications of the Austrian Society on Concrete Technologies Issue 17/Oct. 1992, pp 77 – 81
Jorge Dreher (Co-authors: Danielopol, D. L., A. Gunatilaka, M. Kaiser, R. Niederreiter, P. Pospisil, M. Creuzé des Chatelliers & A. Richter)	Ecology of organisms living in a hypoxic groundwater environment at Vienna	Conference on Groundwater Ecology (1992)
Dr. Amarasinha Gunatilaka  (Co-authors: Danielopol, D.L., Dreher, J., Kaiser, M., Niederreiter, R., Pospisil, P., Creuzé des Chatelliers, M. and A. Richter)	Ecology of organisms living in a hypoxic groundwater environment at Vienna (Austria)	Gunatilaka.A (1992)
Dr. Miroslav Marenc	Rock Anchors in Jointed Rock.	2 <sup>nd</sup> Chechoslovak Conf. Numerical Methods in Geomechanics. Prag, 1992, pp 116-127.
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Dr. Janusz Niwinski	Modeling and Simulation for Advanced Material Technology	Monitor – Vienna (1992)
Dr. Janusz Niwinski	A Simulation Based Decision Support System for a Flexible Job Shop	Simulation Conference (1992)
Werner Mayr	Das Pumpspeicherwerk Limberg II – Generelle Auslegung der Maschinensätze und Wahl der Anfahrmethode	Fachtagung der Energetischen Gesellschaften des Österreichischen Verbandes für Elektrotechnik, des Schweizerischen Elektrotechnischen Vereines, des Verbandes Deutscher Elektrotechniker unter Mitwirkung der EUREL, Wien 1992
Dr. Herbert Weilguni (Co-authors: Tockner, K., Fesl, C.)	Limnologische Studie "Hinterer Rettenbach". Zur ökologischen Stabilität von Reinwasserreserven. Konzeption und Ausarbeitung einer interdisziplinären Langzeitstudie zur Dokumentation und Prognose ausgewählter Umweltparameter im Ökosystem "Hinterer Rette"	Report für "Verein Nationalpark Kalkalpen", Kirchdorf (1992)
Dr. Gerald Zenz	New Contact Elements for the Simulation of Faults and Cracks in Arch Dams	International Conferences on Arch Dams, Nanjing, China 1992

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- Hans Döpfer Erfahrungen aus 50jährigem Betrieb von Kraftwerksstollen (50 years of experience with the operation of tunnels and galleries in power plants) Geomechanical Colloquium, Salzburg, 1991  
(Co-author: Kurt Rienößl)
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- Jorge Dreher (Co-authors: Danielopol, D. L., P. Pospisil) Ecological basic research with potential application for the groundwater management Proceedings of the Vienna Symposium, August 1991
- Jorge Dreher Groundwater management in the city of Vienna IAHS Publications Nr. 202: 229-238 (1991)
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