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Name	<b>László G. HAYDE</b>
Year of birth	1958
Nationality	Hungarian
Present position	Senior Lecturer in Irrigation Engineering
Years with firm	From 2002 – present

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Present titles	Honorary Associate Professor - Faculty of Civil Engineering, Budapest University of Technology and Economics, Hungary Vice President Honorary - International Commission on Irrigation and Drainage (ICID)
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## EDUCATION

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2010	- University Teaching Qualification, Certificate TU Eindhoven/TU Delft/Universiteit Twente, The Netherlands
2009	- Student Centered Learning course, CLU Universiteit Utrecht, The Netherlands
2007	- Innovations in Education, Training of Trainers Course, UNESCO-IHE, Delft, The Netherlands
1995	- Dr. Univ. in Fluid Mechanics, Technical University of Budapest, Hungary
1991	- Intensive Training Course on Environmental Assessment and Management, University of Aberdeen, Scotland, UK
1991	- Postgraduate Course on Water Supply and Sewerage, Technical University of Budapest, Hungary
1982	- M. Sc. in Civil Engineering, Spec. in Hydraulic Engineering, Technical University of Budapest, Hungary

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## EMPLOYMENT RECORD

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2002 – present	- Senior Lecturer, Chair Group Land and Water Development, Department of Water Science and Engineering, UNESCO-IHE Delft, The Netherlands
2003 - 2007	- Coordinator of the International Masters Programme Water Science and Engineering, Hydraulic Engineering - Land and Water Development, UNESCO-IHE Delft, The Netherlands
1985 – 2002	- Senior Assistant Professor of the Department of Hydraulic and Water Resources Engineering, Budapest University of Technology and Economics, Hungary
2001 – 2002	- Deputy Director of the International Education Center, Budapest University of Technology and Economics, Hungary
1997 – 1998	- Head of the Dean's Office, Faculty of Civil Engineering, Budapest University of Technology and Economics, Hungary
1989 - 1994 and 1997 - 2001	- Director of the English Stream of the Faculty of Civil Engineering, Technical University of Budapest, Hungary, (Educational and financial management)
1993 – 2002	- Hungarian Representative, Consultant, Environmental Consulting Company ECOSENS, Switzerland
1982 - 1985	- Design Engineer, VIZITERV Consulting Engineering, Budapest, Hungary

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## KEY QUALIFICATIONS

**31 years experience in consulting, education and research** in: water and environmental planning and management, hydraulic engineering, fluid mechanics, EU Water Framework Directive, environmentally sound solutions in hydraulic engineering, environmental impacts and assessment, history of hydraulic engineering and water management.

**24 years experience in education management**, organization of education programmes, management in programme, faculty and university level, management of accreditation processes, curricula development.

## MAIN DISCIPLINE / SPECIALISATION

Hydraulic Engineering Structures; Structures of Irrigation; Fluid Mechanics; Environmental Impact Assessment; Implementation of the EU Water Framework Directive; History of Hydraulic Engineering and Water Management.

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## EXPERIENCE RECORD

### EXPERIENCE in CONSULTANCY, PROJECT ASSIGNMENTS and EDUCATION

#### Selected Projects

#### Missions

- 2012-2015 Project leader at UNESCO-IHE consortium partner, member of the Governing Board. *"Sustainable Water Action: building research links between EU and US"* (SWAN) Under the European Union 7<sup>th</sup> Framework Programme for Research and Technological Development. (EU Grant Agreement Number: 294947)
- 2009 Project leader and Water Sector Tertiary Education specialist of the component Upgrading Education Facilities at the Water Resources University (WRU) Hanoi, Vietnam in the project Strengthening Water Management and Irrigation Systems Rehabilitation Project. Asian Development Bank (TA No. 7107-VIE)
- 2008 Project leader: Tailor made training for 20 university staff members of the Georgian State Agricultural University (GSAU) and Armenian State Agrarian University (ASAU) on "Water Resources Management in Agri-ecosystems" in Georgia, Armenia and The Netherlands.  
Netherlands Fellowship Programmes NFP-TM.07/38/1952
- 2005 Project director: Professional Training of 160 Civil Servants working for the Regional Authorities belonging to the Ministry of Environment and Water on the EU Water Framework Directive, Hungary.  
EuropeAid/119398/D/SV/HU 2003/004-347-04-01 – PHARE
- 2003 Visiting Professor, University of San Carlos, Cebu City, Philippines  
Water Education and Research and Planning, Land Use and Soil (WaterPLUS) project for CICAT, TU Delft. (Nuffic - MHO programme) MSc. Curricula development and lecturing/Course taught: Water Resources Development in the M.Sc. programme
- 2000-2001 Project manager: Environmental impact assessment and detailed construction design of the Balatonkenese – Balatonfuzfo shore protection, Lake Balaton, with bioengineering applications, Hungary
- 2001 Project manager: Environmental impact assessment of the reconstruction and development of Balatonföldvár harbour, Lake Balaton, Hungary
- 2000 Expert in: Expected Effects of the EU Water Framework Directive and Measures Required for its Introduction in Agricultural Water Management, Ordered by FVM / Ministry of Agriculture and Rural Development, Budapest, Hungary
- 1999-2000 Project manager: Environmental impact assessment of the reconstruction and development of Alsóörs harbour, Lake Balaton, Hungary
- 1992, '94, '96, '98 & 2000 Visiting Professor (one month in each given years), Noordelijke Hogeschool Leeuwarden, The Netherlands. Lecturing/Courses taught: Fluid Mechanics, Student projects - consultation, supervising, International Student Projects
- 1988 Visiting Professor (6 months), Catonsville Community College, Baltimore, Maryland, USA. Lecturing/Courses taught: Introduction to Mechanics; Introductory Numerical Computation



## Professional Experience

- 2002 – present      Senior Lecturer in Irrigation Engineering, Department of Water Science and Engineering, Chair Group Land and Water Development, UNESCO – IHE Institute for Water Education, Delft, The Netherlands
- Lecturing/Courses taught: Irrigation Structures, Irrigation and Drainage System Design, Free Surface Hydrodynamics, Hydraulics Laboratory, Applied Hydraulics, Hydrometric Field Course, organization and guidance of field trips;
  - Course started/established and taught: World History of Water Management;
  - Mentor and supervisor of MSc students' research;
  - Supervisor for PhD students' research;
  - Programme Committee Member: Water Science and Engineering 2003-2007;
  - Programme Committee Member: Water Management 2004-2007;
  - Mentor/Programme Coordinator of the Specialisation: Hydraulic Engineering – Land and Water Development, 2003-2007. Responsible for the accreditation process of the specialisation (2006).
- Education and research, curricula development and training/capacity development in the above mentioned fields and implementation of European Water Framework Directive.
- 1985 – 2002      Senior Assistant Professor, (1985-1992: Assistant Professor) Department of Hydraulic and Water Resources Engineering, Faculty of Civil Engineering, Budapest University of Technology and Economics (BUTE), Hungary (Former: Technical University of Budapest):
- Lecturing/Courses taught: Fluid Mechanics (different courses at different levels), Hydraulic Engineering (different courses at different levels), Hydraulic Engineering Structures, Navigation Structures, Hydrometric Field Course, Dewatering of Building Pits;
  - Courses started/established (at the Faculty of Civil Engineering, TUB/BUTE) and taught: History of Hydraulic Engineering, Environmental Impact Assessment;
  - Above courses taught in Hungarian and also in English, within the framework of the English stream of the University;
  - Supervisor for M.Sc. students' research;
  - Research/Projects: Hydraulic structures; hydraulic model investigations; environmentally sound materials and technical solutions in the field of hydraulic engineering; environmental impacts and their assessment.
- Education and research, curricula development and training in the above mentioned fields.
- 2001 – 2002      Deputy Director (responsible for educational affairs) of the International Education Center, Budapest University of Technology and Economics, Hungary
- Responsible for the coordination and management of the English language education for international students of the whole university, coordinating the education activities done by the eight Faculties.
  - Responsible for the accreditation of the English language education programmes of the university (2001).
- 1997 - 1998      Head of the Dean's Office, Faculty of Civil Engineering, Technical University of Budapest, Hungary
- Coordination and management of the Hungarian language education of the Faculty, closely working together with the dean and deputy deans. Managing the student affairs activities (registrations, study plans, schedules, marking registration, diplomas, etc.) of the Dean's Office.
  - Secretary of the Faculty Senate.
  - Responsible for the accreditation of the Hungarian language education programmes of the Faculty (1998).



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- 1993 - 2002 Hungarian Representative of the Environmental Consulting Company ECOSENS, Switzerland  
- Projects: Hospital waste management in Hungarian regions.
- 1993 - 2002 Private Consultancy and Expertise:  
- Design and Construction Management of Automatic Irrigation Systems  
- Several Environmental Impact Assessment projects.  
- Several Hydraulic Engineering Design and Expertise projects.
- 1989 - 1994 and 1997 - 2001 Director of the English Stream of the Faculty of Civil Engineering, Technical University of Budapest, Hungary.  
- Educational and financial management of the English language education programmes of the Faculty. Managing the student affairs activities (registrations, study plans, schedules, marking registration, diplomas, etc.) of the English language education for international students at the Faculty.
- 1982 - 1985 Design Engineer, VIZITERV Consulting Engineering, Budapest, Hungary  
- Projects: Planning and related surveying; hydraulic, structural and technical management within the Szeged basin port, as well as, minor river hydraulic engineering.  
- Planning of the regional sewer systems in the lake Balaton area.
- 1981 - 1982 Research, Department of Hydraulic Engineering, Faculty of Civil Engineering, Technical University of Budapest, Hungary  
- Project: Hydraulic model investigations of the structures of a reservoir in Duhok, Iraq.  
- Performed, as a representative of the university and the contracting trade company, on-site discussions on the final report of the research project.

### Conducted Short Courses

- 2007 – present Establisher and Coordinator of the Short Course on *World History of Water Management*,  
In cooperation of the International Water History Association (IWHA), International Commission on Irrigation and Drainage (ICID) – Working Group on History of Irrigation, Drainage and Flood Control (WGHIST), UNESCO - International Hydrological Programme (IHP), UNESCO-IHE, Delft, The Netherlands;  
1<sup>st</sup> Short Course 2007: 13 participants; 2<sup>nd</sup> Short Course 2008: 15 participants; 3<sup>rd</sup> Short Course 2009: 12 participants; 4<sup>th</sup> Short Course 2010: 13 participants; 5<sup>th</sup> Short Course in cooperation with the North-West University (Vaal), Vanderbijlpark, South Africa 2011: 12 participants; 6<sup>th</sup> Short Course in cooperation with ICQHS, Yazd, Iran 2012: 42 participants; 7<sup>th</sup> Short Course UNESCO-IHE, Delft, The Netherlands 2012: 10 participants.
- 2008 Participation/lecturer in Short Course *Water Supply, Irrigation and Integrated Water Resources Management* for Senior Water Professionals of the Ministry of Water Resources, Iraq. UNESCO-IHE, Delft, The Netherlands
- 2003 Participation/lecturer in Short Course for Senior Water Specialists on “*Integrated Water Resources Development and Management*”, organized in the framework of the Syrian–Dutch Water Cooperation, UNESCO-IHE in Delft, The Netherlands
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**LANGUAGE PROFICIENCY**

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
Hungarian	Mother tongue	Mother tongue	Mother tongue
English	Excellent	Excellent	Excellent
German	Moderate	Slight	Slight
French	Slight	-	-
Dutch	Slight	-	-

**PUBLICATIONS**

**BOOK:** **Danube Valley, History of Irrigation, Drainage and Flood Control** [Editors-in-Chief: G. Csekő, L. Hayde] ICID International Commission on Irrigation and Drainage / ICID, New Delhi, India, First Edition 2004. 715p., ISBN: 81-85068-85-2  
[http://www.icid.org/book\\_detl.html#danube](http://www.icid.org/book_detl.html#danube)

**BOOK CHAPTERS:** **(Introduction to Fluid Mechanics)** Hidraulikai alapismeretek [Dr. Hayde L.]; (WATER MANAGEMENT) VÍZGAZDÁLKODÁS mezőgazdasági, kertész-, tájépítész- és erdőmérnök- hallgatók részére. Published by: Mezőgazdasági Szaktudás Kiadó, Budapest 1997. [Ed./Szerk.: Dr. Vermes László] Chapter/Fejezet. pp. 65-91, ISBN 963 356 218 X

**(Environmental Impacts of Water Management)** A vízgazdálkodás környezeti hatásai. [Dr. Hayde L.]; (WATER MANAGEMENT) VÍZGAZDÁLKODÁS mezőgazdasági, kertész-, tájépítész- és erdőmérnök-hallgatók részére. Published by: Mezőgazdasági Szaktudás Kiadó, Budapest 1997. [Ed./Szerk.: Dr. Vermes László] Chapter/Fejezet. pp. 385-395, ISBN 963 356 218 X

**JOURNAL PAPERS:**

Comparative irrigation performance assessment in community-managed schemes in Ethiopia [Zelege Agide Dejen, Bart Schultz and Laszlo Hayde] African Journal of Agricultural Research Vol. 7(35), pp. 4956-4970, 11 September, 2012 Available online at <http://www.academicjournals.org/AJAR DOI: 10.5897/AJAR11.2135 ISSN 1991-637X>  
<http://www.academicjournals.org/AJAR/PDF/pdf2012/11%20Sep/Dejen%20et%20al.pdf>

Global Inventory of Closed-Off Tidal Basins and Developments after the Closure [Bart Schultz, Laszlo Hayde, Park Sang-Hyun and Kiichiro Tanaka] Submitted to Irrigation and Drainage, the journal of the International Commission on Irrigation and Drainage, John Wiley and Sons Ltd. 2012.

Hydraulics of Double Stilling Basin Systems [László HAYDE] Periodica Polytechnica Ser. Civil Eng. Vol.45, No.1, pp. 151-169. Budapest University of Technology and Economics, Budapest, 2001 Available online at <http://periodicapolytechnica.org/index.php/ci/article/view/646>

Examples for Bioengineering Applications in Hungarian Hydraulic Engineering Projects [L. G. Hayde] Analele Universitatii Din Oradea, Romania, 1999, pp. 7-18, ISSN. 1454-4067

**OTHER PUBLICATIONS:**

**Publications (peer reviewed/conferences)** Characterisation of the Profile and Water Circulation in Valley Bottom Rice Irrigated Soils, Case of Tiefora in Burkina Faso [Amadou Keita, Bart Schultz, Hamma Yacouba and Laszlo Hayde] 11th ICID International Drainage Workshop on Agricultural Drainage Needs and Future Priorities - Cairo, Egypt - 23-27 September 2012, 16p.

Historical Background of Some Present Flood Management Plans in Hungary and in the Netherlands [László G. Hayde] International Seminar on "Historical Water Sustainability: Lessons to learn"; 63rd IEC Meeting and 7th Asian Regional Conference of ICID / The Irrigation Australia 2012 Conference & Trade Show, Adelaide, 24 - 29 June, 2012, 9p.



Improving the Operation of Irrigation Networks through Understanding the Hydrodynamic Behaviour [Zelege A. Dejen, Bart Schultz and Laszlo Hayde] 63rd IEC Meeting and 7th Asian Regional Conference of ICID / The Irrigation Australia 2012 Conference & Trade Show, Adelaide, 24 - 29 June, 2012, 13p.

Challenge of Runoff Regulation to Supply Paddy Terraces in *Subak* Irrigation Schemes [Mawiti Infantri Yekti, Bart Schultz and Laszlo Hayde] 63rd IEC Meeting and 7th Asian Regional Conference of ICID / The Irrigation Australia 2012 Conference & Trade Show, Adelaide, 24 - 29 June, 2012, 10p.

Tropical Savannah valley bottom irrigated soils geochemical characterisation – Case study of Tiefora in Burkina Faso [Amadou Keita, Bart Schultz, Hamma Yacouba and Laszlo G. Hayde] 3rd African Regional Conference, International Commission on Irrigation and Drainage (ICID), Bamako, Mali, 29 November - 5 December 2011, 16p.

Global inventory of closed-off tidal basins and developments after the closure. [Bart Schultz, Laszlo Hayde and Park Sang-Hyun] In Proceedings of the Workshop on Sustainable development of tidal lands. 21st Congress of the International Commission on Irrigation and Drainage (ICID), Tehran, Iran, 15-23 October 2011.

Irrigation Performance in Community-Managed Schemes: Assessment Using Comparative Indicators and Utility Analysis [Zelege Agide Dejen, Bart Schultz and Laszlo Hayde] 21st International Congress on Irrigation and Drainage, (Theme : Water productivity towards food security), International Commission on Irrigation and Drainage (ICID), Tehran, Iran, 15-23 October 2011, R.56.5.05, pp. 63-81.

Seepage analysis underneath the headwork of Chanda Mohana Irrigation Scheme, Sunsari, Nepal [Santosh Kaini, Laszlo G. Hayde, Bart Schultz, Miroslav Marenc] National Irrigation Seminar on Micro to Megha: Irrigation for Prosperous Nepal, Department of Irrigation, Lawalakhel, Lalitpur, Nepal. 13-14 July, 2011, 21p.

Reconstruction of an Old Irrigation System Map by GPS/GIS [Amadou Keita, Bart Schultz, Laszlo Hayde] 60<sup>th</sup> International Executive Council Meeting & 5<sup>th</sup> Asian Regional Conference, International Commission on Irrigation and Drainage (ICID), New Delhi, India, 2009, 12p.

Baguineda Irrigation System Productivity Improvement by Hydraulic Analysis [Amadou Keita, Bart Schultz, László G. Hayde] EnviroWater 12th Inter Regional Conference, ANAFIDE, Marrakesh, Morocco, 9- 11 November 2009, 28p.

Some Comparative Aspects of Present Flood Management Plans in Hungary and in the Netherlands [László G. HAYDE] In: Gavardashvili G, Borthwick A, King L, Eds., Floods and Modern Methods of Control Measures; ISSN 1512-2344. International Symposium on Floods and Modern Methods of Control Measures, Tbilisi, Georgia, 2009. pp.185-194.

Flood Management Plans in Hungary and in the Netherlands, Some Comparative Aspects [László G. HAYDE] 28<sup>th</sup> European Regional Conference, International Commission on Irrigation and Drainage (ICID) Lviv, Ukraine, 2009, 10p.

Development of Water and Flood Management in the Tisza Valley till 1945 [László FEJÉR, László G. HAYDE] 20<sup>th</sup> International Congress on Irrigation and Drainage, International Commission on Irrigation and Drainage (ICID), Lahore, Pakistan, 2008, S.06 pp.1530-1555.

Re-Organisation of Water supply for Towns in the Mediaeval Hungary [László FEJÉR, László G. HAYDE] 27<sup>th</sup> European Regional Conference, International Commission on Irrigation and Drainage (ICID) Pavia, Italy, 2007, 17p.



Development of Irrigation in the 19<sup>th</sup> and Early 20<sup>th</sup> Century in Hungary [László FEJÉR, László G. HAYDE] 27<sup>th</sup> European Regional Conference, International Commission on Irrigation and Drainage (ICID) Pavia, Italy, 2007, 11p.

Successful New Technology for Arsenic, Ammonia, Methane, Iron and Manganese Removal in Makó / Sikeres új technológia arzén, ammónia, metán, vas és mangán eltávolítására Makón [B. Petrusevski, P. Medgyesi, W. van der Meer, J. Baker, L. Hayde, F. Kruis, S. Sharma and J.C. Schippers] (11th National Sanitary Conference Sopron, Hungary) XI. ORSZÁGOS VÍZIKÖZMŰ KONFERENCIA, Sopron, Hungary, 2007, 13p.

**Lecture notes**

Irrigation Structures - Hydraulic Aspects [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2011, 293p. LN0452/11/1

Field Experiments in Irrigation - Manual Fieldwork Arnhem [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2011, 158p. LN0451/11/1

Applied Hydraulics - Pipe Flow [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2011, 137p. LN0444/11/1

Applied Hydraulics - Supplementary Notes [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2011, 140p. LN0442/11/1

Applied Hydraulics - Gradually Varied Flow [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2011, 195p. LN0333/11/1

Applied Hydraulics - Manual Flop - Gradually Varied Flow Profiles, [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2007, 41p. LN0333/07/1; 2011, 41p. LN0333/11/1

Applied Hydraulics - Synopsis [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2007, 48p. Handout; 2008, 48p. LN0378/08/1; 2011, 48p. LN0378/11/1

Applied Hydraulics - Manual Hydraulic Laboratory Exercises - Water Science and Engineering [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2010, 51p. LN0434/10/1; 2011, 51p. LN0434/11/1.

Applied Hydraulics - Manual Hydraulic Laboratory Exercises 2 - HELWD [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2010, 51p. LN0422/10/2; 2011, 57p. LN0422/11/1

Basic Principles of Irrigation and Drainage [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2010, 104p. LN0439/10/1

Canal Design [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2006, 42p. LN0326/06/1; 2007, 42p. LN0326/07/1

Irrigation and Drainage System Design [L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2006, 94p. LN0321/06/1; 2007, 94p. LN0321/07/1; 2008, 96p. LN0321/08/1; 2010, 96p. LN0321/10/1; 2011, 96p. LN0321/11/1

World History of Water Management [Ed. L. Hayde] UNESCO-IHE Lecture Notes, Delft, The Netherlands, 2008, 100p.; 2009, 129p.; 2010, 165p.

World History of Water Management [Ed. L. Hayde, J. Tempelhoff] UNESCO-IHE - North West University, South Africa, 2011, 195p.



FLUID MECHANICS I. Detailed Guideline to the Practical Exercises for the 5th semester Civil Engineer students / [Compiled by: Dr. L. Horváth, L. Hayde, and R. Csoma]. Technical University of Budapest, Faculty of Civil Engineering, 1985, 86p.

FLUID MECHANICS II. Detailed Guideline to the Practical Exercises for the 7th semester Civil Engineer students, Group H (Hydraulic) [Compiled by: L. Hayde]. Technical University of Budapest, Faculty of Civil Engineering, 1986, 38p.

HYDRAULIC ENGINEERING I. Detailed Guideline to the Practical Exercises for the 6th semester Civil Engineer students / [Compiled by: L. Hayde, R. Csoma]. Technical University of Budapest, Faculty of Civil Engineering, 1986, 30p.

HYDRAULIC ENGINEERING II. Detailed Guideline to the Practical Exercises for the 7th semester Civil Engineer students, Group H (Hydraulic) / [Compiled by: L. Hayde, R. Csoma]. - [Bp.]: Technical University of Budapest, Faculty of Civil Engineering, 1986, 50p.

**Dr. Univ. Thesis** Hydraulic Investigation of Broken-Axis Stilling Basin Systems / Törtengelyű energiátörő medencerendszerek hidraulikai vizsgálata [Hayde László]. – Technical University of Budapest /BME, 1995, 130p.

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## PROFESSIONAL AFFILIATIONS

- 1982 – Present - **Hungarian Hydrological Society**, (Member of Managing Board, Secretary, Section of Hydraulics and Technical Hydrology 1996-1999)
- 1987 – Present - **Scientific Society for Building**, Hungary
- 1990 – Present - **Chamber of Engineers**, Hungary *Registered Professional Engineer and Expert in Irrigation, Agricultural Water Management Structures, Hydraulic Engineering Structures, River Hydraulics, and Fluid Mechanics*
- 1998 - Present - **International Commission on Irrigation and Drainage (ICID)**,
- Vice President of ICID, elected for the period 2009-2012
  - Vice president Honorary of ICID, 2012 –
  - Member of the Permanent Committee on Strategy Planning and Organizational Affairs (PCSPOA), from 2009 –
  - Vice President of the Hungarian National Committee (HUCID), 2008 –
  - Secretary of the European Regional Working Group (ERWG), 2005 – 2010
  - Chairman of the European Regional Working Group (ERWG), 2010 –
  - Member of the Permanent Finance Committee (PFC), 2004 – 2011
  - Vice Chairman of the Permanent Finance Committee (PFC), 2009 – 2011
  - Member of the Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST), 2001 – (Best Performing Workbody Award 2005)
  - Secretary General of the Hungarian National Committee, 2000 – 2004
  - Permanent observer (representing UNESCO-IHE) in the Working Group on Capacity Building, Training and Education, 2006 – 2007
- 2008 - Present - **International Water History Association (IWHA)**
- 2009 - Present - **Deutsche Wasserhistorische Gesellschaft (DWHG)**

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## ACADEMIC AWARDS

1998 - 2001: Bólyai János Research Fellowship awarded by the Hungarian Academy of Sciences.

2012: Honorary Associate Professor

Faculty of Civil Engineering, Budapest University of Technology and Economics Budapest, Hungary