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HIGHER EDUCATION

Ph.D. in Civil Engineering, 09/1981 to 08/1987

Major subjects: Water resources planning and management, simulation and optimal management of river systems

University of Texas, Austin, Texas, U.S.A.

M.Sc. in Civil Engineering, 09/1979 to 05/1981

Major subjects: Water resources engineering and hydrology, urban water supply and drainage

Middle East Technical University, Ankara, Turkey

B.S. in Civil Engineering, 09/1973 to 02/1979

Major subjects: Hydrology, hydraulics, water resources

Middle East Technical University, Ankara, Turkey

POSITIONS HELD

Arizona State University, Fall 2020 to date

Professor of Practice, Fulton Schools of Engineering, The Polytechnic School, Environmental and Resource Management Program

- Teaches upper level and graduate level courses “Water and Food Security”, “International Environmental Management”, “International Environmental Law and Policy”, “Sustainability and Sustainable Development”, “Environmental Issues “, and “Water Law and Policy”.
- Supervises, guides, and mentors students.
- Collaborates with various groups in research and outreach.

Griffith University, Australia, December 2020 to date

Adjunct Industry Fellow, Australian Rivers Institute

- Collaborates and networks with colleagues on topics of common interest.

Food and Agriculture Organization of the United Nations (FAO), Rome, Italy

Senior Water Advisor, March 2017-October 2020 and May 2021-December 2023

- Strategic advice and review for the flagship report *State of Land and Water Resources in Food and Agriculture, 2021*; and for project “*Improved Water Governance in Azerbaijan*”.
- Guidance on strategic issues regarding water and sustainable development; climate change and natural resource management; water efficiency and agricultural productivity; water and tenure, migration, nutrition and sustainable intensification.

UNESCO Intergovernmental Hydrological Programme (IHP), Paris, France

Senior International Consultant, October 2021-January 2022

- Review of the Strategic Plan 2022-2029, for the 9th Phase of IHP, identifying water-related priorities and related outputs.
- Development of the IHP Operational Implementation Plan for the 9th Phase of IHP.
- Facilitation of stakeholder consultations; finalization of the plan and the key performance indicators at output level.

United Nations-Water

Vice Chair, August 2018-October 2020

(UN-Water is the United Nations inter-agency coordination mechanism for all freshwater related matters, including sanitation)

- Led Joint Steering Group, which is responsible for all operational matters of UN-Water, work and budget planning, and implementation of the decisions.

- Oversaw UN-Water Technical Advisory Unit and preparations for decisions of strategic importance; guided the incorporation of regional, sub-regional and country perspectives in the work of UN-Water; and liaised with the stakeholders and resource partners and represented the Chair in UN and other platforms.

Food and Agriculture Organization of the United Nations (FAO), Rome, Italy

Deputy Director, Land and Water Division, 13 September 2013-28 February 2019

- Led a multi sectoral team of water, land, soil, and biodiversity professionals; managed a diverse portfolio of programmes and projects in water and land resources; and coordinated various technical units and entities; served as a member of FAO SDG team.
- Conducted the biennial work planning, annual implementation program, and reporting of the Division according to the strategic objectives of FAO, aligned with the Sustainable Development Goals; coordinated the climate change related water, land, soil, and ecosystem work and reviewed the adaptation and mitigation outcomes.
- Planned, coordinated and monitored capacity development programs, courses, and webinars.
- Led the multi-stakeholder partnership WASAG (Global Framework on Water Scarcity in a Changing Climate), and the FAO Water Platform.
- Supervised over 40 professionals and covered an annual budget of USD 5.5 million and an extrabudgetary portfolio of over USD 25 million.
- Represented FAO in global forums, international platforms, boards and committees.

UNESCO

Coordinator, the United Nations World Water Assessment Programme (WWAP); and Director, UNESCO Programme Office for Global Water Assessment, Paris, France, May 2007-June 2009 **and Perugia, Italy**, June 2009-September 2013

- Transformed project-based assessment work into an established program with in-house capability and led the United Nations World Water Assessment Programme, establishing strong partnerships and coordination with UN agencies, non-UN institutions and stakeholders.
- Led the preparation of the United Nations World Water Development Reports (WWDR) and produced WWDR 3 (2009), WWDR 4 (2012) and WWDR 5 (2014).
- Supervised and guided the transboundary water cooperation program of UNESCO and helped advance the mutual understanding, cooperation and solidarity between countries and stakeholders in transboundary basins, through joint activities and capacity support.
- Established an intersectoral dialogue series of publications providing further breadth to WWDR in food, energy, environment and health; a specialization series providing in-depth knowledge in water resources, water services and hydrology; and developed the World Water Futures Programme (now implemented by IIASA).
- Served on the Task Group that developed the draft texts for SDG 6 and provided assistance to the UN Technical Support Team (TST) in finalizing SDG 6.
- Supervised all relevant technical, administrative and managerial activities of the office and its 40+ professionals.
- Managed an annual budget of USD 4 million, and an extrabudgetary portfolio of over USD 800,000.

Kent State University, Ohio, United States of America

Visiting Distinguished Professor of Water Resources, August 2004 to May 2007

- Developed and implemented international projects and research, which included establishing and leading ETIC, Euphrates-Tigris Initiative for Cooperation, covering Iraq, Syria, Turkey and Iran; a capacity building programme for Iraqi water sector; collaborative capacity building of water managers from Iran, Iraq, Syria, and Turkey; and a series of dialogue events between officials, professionals, academics, and business people from these countries.
- Established and coordinated a core, lead group of academics from the Euphrates-Tigris riparian countries; raised and managed the equivalent of USD 400,000 from UNESCO, US Department of State and Bahcesehir University of Turkey.

Prime Minister's Office, State Planning Organization, Ankara, Türkiye

Senior Advisor, July 2003 to August 2004

- Provided advice on matters regarding water resources, sustainable development, and international water and cooperation issues.

Southeastern Anatolia Project (GAP) Regional Development Administration, Ankara, Türkiye
President, May 1991 to July 2003

- Transformed an infrastructure project consisting of dams, power plants, and irrigation systems into a socioeconomic development program, which entailed planning, coordination and monitoring of activities in agriculture, energy, transport-telecom, industry, health, education, and urban-rural infrastructure, and business development with a sustainability focus.
- Led the development authority of 400+ staff members, managed USD 10+ million direct annual budget allocation, raised and managed over USD 70 million and planned the allocation of USD 100-500 million worth of investments annually.
- Raised over USD 70 million from the European Union, Switzerland, U.S.A., Japan, Canada, and France; UNDP, UNICEF and various international organizations; and foundations and charities such as Packard Humanities Institute, Rotary International, and National Science Foundation. Led the development of the sustainable development definition and norms for GAP, established its multi-sector program and managed its implementation. Initiated special projects to improve the status of women, to support youth employment, for the sustainable use of natural resources and entrepreneurship development. Initiated cooperative programs with counterpart organizations from countries such as Syria, Egypt, Macedonia, Afghanistan, Israel, U.S.A., Italy, and France. Received awards and mention nationally and internationally; featured in the Time Magazine and New York Times.

Southeastern Anatolia Project (GAP) Regional Development Administration, Sanliurfa, Türkiye

Regional Director, November 1989 to May 1991

- As the founding Regional Director of the Administration, established the monitoring and evaluation scheme for natural resource development projects, indicators for investments and economic development; set up partnerships with local and regional public entities, municipalities, and NGOs.
- Supervised the social and economic development efforts as well as water resources programs; provided public policy support to the Government.
- Managed 20+ employees.

Prime Minister's Office, State Planning Organization, Sanliurfa, Türkiye

Water Resources Specialist, August 1988 to November 1989

- Established a monitoring and evaluation system for water resources development and supervised the water resources, irrigation, energy and environment components of the GAP Master Plan Study.
- Managed a team of 5 specialists.

Lower Colorado River Authority, Austin, Texas, United States of America

Water Resources Engineer, June 1986 to June 1988

Developed simulation and optimization models and their respective computer codes for the management of the Lower Colorado River, which entailed the operations of six dams, five hydropower plants, irrigation networks for 100,000 acres of farmland, environmental flows, cooling water for a nuclear power plant and drinking water supply. Also developed rainfall-runoff models for the river basin; linked the models; and installed, tested and calibrated the computer programs; assisted in real-time flood operations, and prepared post-flood report of benefits of computer-aided flood management.

The University of Texas at Austin

Research Assistant and Research Associate, January 1984 to May 1986

River and reservoir modelling, water resources management, rainfall-runoff modelling.

Metropolitan Municipality of Ankara, Türkiye

Project Engineer, September 1979 to May 1980

Urban sewerage; modelling, calibration and design of rainwater drainage and wastewater collection networks.

EDITORIAL TASKS

Specialty Chief Editor

Water-Smart Food Production (Frontiers in Sustainable Food Systems), 2020 to date

Editorial Boards

- Water Security Journal, Elsevier, 2017 to date
- Frontiers in Sustainable Food Systems (Water-Smart Food Production specialty section), 2020 to date
- Future of Food: Journal on Food, Agriculture and Society, University of Kassel, Germany, 2017 to date
- International Journal of Water Resources Development, Carfax, 1998 to 2004
- Hydro Review Worldwide, PenWell, 1997 to 2002

Guest Editor

- Water, MDPI, 2021 to date
- Resources, MDPI, 2019
- International Journal of Water Resources Development, Carfax, Vol 13, 1997

Honorary Editor

- Clean Energy Technologies Journal, Istanbul, Turkey, 2022 to date.

FELLOWSHIPS, SCHOLARSHIPS, AWARDS, RECOGNITIONS

- Fellow, International Water Resources Association, Illinois, U.S., elected in 2000
- Science Fellow/Scholar, North Atlantic Treaty Organization (NATO), 1981-1984
- Honor Fellow, Turkish Scientific & Technical Research Council, 1981-1987
- Member, PRIMA Scientific Evaluation Committee, Horizon 2020, European Union, 2020-2022
- Member, RemTech Europe Scientific Committee, Ferrara, Italy, 2021 to date
- Recipient of IWRA Crystal Drop Award, 2023. <https://www.iwra.org/iwra-2023-award-winners/>
- Recipient of Presidential Award for Excellence and Service, IWRA, 2005. <https://www.iwra.org/proceedings/doc/iwraupdatejanuary2006.pdf>
- Recipient of World Water Council Special Service Award, 2003
- Recipient of IWRA Millennium Award, 2000
- Evaluation Committee Member, EXPO 2020, Dubai, Best Practices Award, 2019-2020
- Jury Member, Stockholm Water Prize, SIWI, 2010-2015
- Jury Member, Water for Life Best Practices Award, UN-Water, 2011-2013
- Jury Member, World Irrigation and Drainage Prize, ICID, 2016-2019
- Evaluation Committee Member, King Hassan II Great World Water Prize, WWC, 2002-2003
- International Scientific Committee Chair, IWRA XII World Water Congress, New Delhi, India, 2005
- External Evaluator, SUNY-YOK Dual Degree Program, U.S. Department of State, 2004
- Subject Matter Expert, CGIAR Independent Advisory and Evaluation Service, Rome, Italy, 2024
- European Visionary, featured by the Time Magazine in the 1998-1999 Special Winter Issue on Europe (“[Visions of Europe](#)”) as one of the 19 European visionaries
- Featured by New York Times [May 29, 1997 issue](#)

PROFESSIONAL/SCIENTIFIC GROUPS, PROGRAMS AND SOCIETIES

UNESCO Intergovernmental Hydrological Programme

Chair, Task Force on Science-Policy Interlinkages for “Science for SDG6: A pathway to accelerate the implementation of SDGs”, 2021-2023

Member, Scientific Task Force for Science Based Water Assessment, 2024 to date

Coordinator, Working Committee on National Water Assessments, 2024 to date

Food and Agriculture Organization of the United Nations (FAO)

Member, Agriculture Ecosystem-based Solutions Expert Working Group, 2023 to date

Contributor, Ramsar STRP 2023-2025 Task Force on Agriculture and Wetlands, 2023 to date

Dushanbe Water Process to promote the implementation of the International Decade for Action “Water for Sustainable Development”

International Advisory Committee Member, 2018 to date

Çanakkale Onsekiz Mart University
International Advisory Committee Member, 2024 to date
Çanakkale, Türkiye

Clean Energy Technologies Institute
International Advisory Board Member, 2022 to date
Yildiz Technical University, Istanbul, Türkiye

Water Security Coalition
Member, 2021 to date
Convened/hosted by Wilson Center, Washington, D.C.

Human Right 2 Water
Board Member, 2022 to date (member since 2020)
Geneva, Switzerland

Water Policy Group
Member, 2019 to date
<http://waterpolicygroup.com>
Hosted by University of New South Wales, Sydney, Australia

G20 2020: Realizing Opportunities of the 21st Century For All
Observer, Agriculture and Water Ministers Track. 2020. Riyadh, Saudi Arabia.
Speaker and observer, Water Deputies Track. July-September 2020. Riyadh, Saudi Arabia.

Sustainable Agriculture and Food Systems Structured Doctoral Program
Advisory Board Member, 2018-2022
Agricultural University of Georgia and Kassel University (Germany) joint program

Mediterranean Universities Union (UNIMED)
Observer in Food and Water Sub-Network, 2018-2019
Founded in 1991, UNIMED is an association of 112 Universities from 23 countries. Water for food is a priority area and the theme for one of its seven sub-networks.

Action Platform for Source-to-Sea Management (S2S)
Steering Committee Member, 2017-2019
Hosted and supported by the Stockholm International Water Institute, S2S is a multi-stakeholder initiative to connect freshwater, coastal and marine communities in collaborative projects and promote best practices in the management of land, water, coastal and marine linkages.

Water Joint Programming Initiative (JPI) of European Commission
Advisory Board Member, 2016-2019
Water JPI is one of the ten JPIs developed by the EC as a means to advance the formation and realization of the “European Research Area” in responding to the ‘Grand Challenges’. Water JPI is composed of 22 member and 3 observer countries and the European Commission.

CGIAR Water, Land and Ecosystems Program (WLE)
Steering Committee Member, 2014-2019
Led by International Water Management Institute, and partnered by 11 CGIAR institutes and FAO, WLE is a global research-for-development program working through partnerships to provide sustainable solutions for people and societies.

FAO Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests (VGGT)
Steering Committee Member, 2013-2019
VGGT supports countries to achieve food security for all and the progressive realization of the right to adequate food in the context of national food security.

World Water Council

Member, Board of Governors, 1995-2005 and 2015-2019

Treasurer, elected by Board of Governors, 2000-2003

Chairman, Finance Committee, elected by Board of Governors, 1998-2000

Euphrates-Tigris Initiative for Cooperation (ETIC)

Founder and Coordinator, 2005-2007

ETIC is a riparian initiative of scholars from Iraq, Syria, and Turkey with a mission to mobilize collective expertise, catalyze processes and develop appropriate partnerships to encourage regional cooperation and development to improve the quality of life in the Euphrates-Tigris Region.

Kalpasar Development Project, Government of Gujarat, India

Expert Advisory Committee Member, 2003-2006

Provided expert policy advice as to the social and environmental aspects of development.

International Water Resources Association

Vice President for the Europe and Middle East Region, elected by General Assembly, 2004-2006

Secretary General, elected by General Assembly, 2001-2003

International Hydropower Association

Council Member, elected by General Assembly, 1997-2000

Club of Tokyo, Japan, 2000-2004

Member

Black Sea Economic Cooperation Foundation of the U.S., Washington, D.C.

Member of Agribusiness Council, 1997-2002

12th World Water Congress, International Water Resources Association

Chair, International Steering Committee, Delhi, India, November 2005.

ACADEMIC ADVISING

- Advises 5 M.S. students (as of 2024), and is committee member for a doctoral student at Arizona State University. Has advised total of 17 students.
- Honorary senior advisor to Joint Structured Doctoral Program on Sustainable Agricultural and Food Systems, University of Kassel, Germany and Agricultural University of Georgia, Tbilisi, Georgia. 2018-2022.
- Doctoral committee member at University of Kassel, Germany. Urban water security, urban water management. 2020.
- Doctoral committee member at Aalto University, Finland. Water scarcity, food supply, food loss and waste. 2019.
- Doctoral committee member at University of Madrid, Spain. Water implications of actual dietary trends in Spain vs Mediterranean Diet. 2018.
- M.S. committee member at University of Kassel, Germany. Water productivity of irrigated and rainfed rice in Southeast Asian countries. 2018.

Olcay Unver, Ph.D. PUBLICATIONS

AUTHORED/EDITED BOOKS AND JOURNALS

Scientific frontiers and applications for water security in a changing world, UNESCO and Cambridge University Press. (co-editor). To be published in 2026.

The Elgar Companion to Water Security and Sustainable Development, Elgar Companions to the Sustainable Development Goals series, Edward Elgar Publishing Inc., Northampton, MA, United States. Scheduled for publication in 2025. (co-editor and co-author, with Anik Bhaduri and Sayed Iftekhar).

Sustainable Development and Water Security: Towards Achieving a Water-Secure World. Agenda Publishing. <https://doi.org/10.2307/jj.22605046> (co-author, with Melvyn Kay). 5 December 2024.

Global Water Policy Report 2023: Listening to National Water Leaders, Water Policy Group, 2023. University of New South Wales Sydney publication. June 2023. (co-author, with A Slatyer et al.). <http://waterpolicygroup.com/wp-content/uploads/2023/06/Water-Policy-Report-28-June-2023.pdf>

Asia-Pacific Water Policy Report: Listening to National Water Leaders, Water Policy Group, 2021. University of New South Wales Sydney publication. 6 June 2022. (co-author, with A Slatyer et al.).

Africa Water Policy Report, Water Policy Group, 2022. University of New South Wales Sydney publication. 22 March 2022. (co-author, with A Slatyer et al.).

Global Water Policy Report 2021: Listening to National Water Leaders, Water Policy Group, 2021. University of New South Wales Sydney publication. 29 November 2021. (co-author, with A Slatyer et al.).

Water Cooperation: Views on Progress and Way Forward, United Nations University, 2015, (co-author, with Z Adeel, S Aslov, J Maestu). <https://collections.unu.edu/view/UNU:5648>

Water for Regional Development, Oxford University Press, ISBN 0 19 565794, 2004, (co-editor, with A Biswas, C Tortajada).

Water Development and Poverty Reduction, Kluwer Academic Publishers, ISBN 1-4020-7431-X, 2003. (Chief Editor). <https://link.springer.com/book/10.1007/978-1-4615-0423-8>

Water Resources Management: Cross Cutting Issues, Middle East Technical University Press, Ankara, Turkey, ISBN 975-7064-57-2, 2002. (Chief Editor).

Special Issue: Water Resources Development in a Holistic Socioeconomic Context: The Turkish Experience, *International Journal of Water Resources Development*, Carfax Publishing Co., Vol 13, No 4, 1997. (Guest Editor). <https://doi.org/10.1080/07900629749575>

Special Issue: Coping with Water Scarcity in Agriculture, *Resources*, MDPI, ISSN 2079-9276, October 2019. (Guest Editor).

BOOK CHAPTERS

Concept design and process facilitation for “*State of Land and Water Resources for Food and Agriculture 2021 (SOLAW 21) Main Report*”; lead author of “*Chapter 5. Responses and Action Areas*” and “*Chapter 6. Conclusions and Recommendations*”. Food and Agriculture Organization of the United Nations. <https://doi.org/10.4060/cb9910en> , Rome, Italy. 2022.

Concept design and process facilitation for “*State of Land and Water Resources for Food and Agriculture 2021 (SOLAW 21) Synthesis Report*”; and lead author of “*Chapter 4. Responses to Risks and Actions*”. Food and Agriculture Organization of the United Nations. <https://doi.org/10.4060/cb7654en> , Rome, Italy. 2021.

Drivers, Pressures and Stressors: The Societal Framework of Water Resources Management, (with L Salame et al), in “*Handbook of Water Resources Management: Discourses, Concepts and Examples*”, eds. J J Bogarde et al, Springer, ISBN 978-3-030-60145-4, <https://doi.org/10.1007/978-3-030-60147-8> , Switzerland, 2021.

Global Assessment Report on Disaster Risk Reduction (GAR) Special Report on Drought 2021. *Lead author*. United Nations Office for Disaster Risk Reduction. ISBN: 9789212320274, <https://www.undrr.org/publication/gar-special-report-drought-2021> , Geneva. June 2021.

Drought Management in the Euphrates-Tigris Basin (with A. Kibaroglu, D. Yildiz, and H. Ozguler), in: “*GAR Special Report on Drought 2021*”, United Nations Office for Disaster Risk Reduction. <https://www.preventionweb.net/publication/euphrates-tigris-case-study> , Geneva. June 2021.

Endangered Food Security (with E. Mansur and M. Kay), in: “*Sustainability of Engineered Rivers in Arid Lands: Challenge and Response*”, eds. J. Schmandt & A. Kibaroglu. Cambridge: Cambridge University Press. 2021. <https://doi.org/10.1017/9781108261142.008>

Land and water governance, poverty, and sustainability (with E Mansur), in “*Sustainable Food and Agriculture: An Integrated Approach*,” eds. C Campanhola and S Pandey, Elsevier, ISBN: 978-0-12-812134-4, January 2019. <https://doi.org/10.1016/B978-0-12-812134-4.00007-8>

Water scarcity and challenges for smallholder agriculture (with M Giordano and J Barron), in “*Sustainable Food and Agriculture: An Integrated Approach*,” eds. C Campanhola and S Pandey, Elsevier, ISBN: 978-0-12-812134-4, January 2019. <https://doi.org/10.1016/B978-0-12-812134-4.00005-4>

Water and rural poverty (with P Mejias-Moreno et al), in “*World Water Development Report 2019: leaving no one behind*,” UNESCO Publishing, March 2019.

Setting the scene (with J Mateo-Sagasta, SM Zadeh, M De Souza, H Turrall, J Burke), in “*More people, more food, worse water?: a global review of water pollution from agriculture*,” eds. Mateo-Sagasta, J., Zadeh, S. M., Turrall, H., Rome, Italy: FAO; Colombo, Sri Lanka: International Water Management Institute (IWMI). CGIAR Research Program on Water, Land and Ecosystems (WLE), pp.3-13, 2018.

Nature-based solutions for managing water availability (with A Alfarrá, T Turton et al), in “*World Water Development Report 2018: nature-based solutions for water*,” UNESCO Publishing, pp.37-50, 2018.

Agriculture (with SM Zadeh et al), in “*World Water Development Report 2017: wastewater, the untapped resource*,” UNESCO Publishing, pp.70-77, 2017.

Water and jobs in the agriculture-food sector (with MA Even et al), in “*World Water Development Report 2016: water and jobs*,” UNESCO Publishing, pp.38-44, 2016.

Foreword to “*Key Concepts in Water Resource Management: A Review and Critical Evaluation*” by J Lautze, Routledge, 2014.

Foreword to “*Toward a sustainable water future: visions for 2050*”, eds. W M Grayman, D P Loucks, L Saito, American Society of Civil Engineers, 2012.

Preface to “*The United Nations World Water Development Report 4: Managing Water under Uncertainty and Risk*,” UNESCO Publishing, 2012.

Agriculture and Water Elements from The UN World Water Development Report, in *Water and Agriculture Implications for Development and Growth*, eds. Briscoe et al., Center for Strategic and International Studies, Washington, D.C., USA, 2009. https://csis-website-prod.s3.amazonaws.com/s3fs-public/legacy_files/files/publication/091104_Peterson_Water&Agri_WEB.pdf

The way forward, in “*The United Nations World Water Development Report 3: Water in a Changing World*,” UNESCO Publishing, 2009 (with A Bullock, W Cosgrove, F Attia, G Galloway, J Moss, U Shamir, and A Wright).

Preface to “*The United Nations World Water Development Report 3: Water in a Changing World*,” UNESCO Publishing, 2009, (with W Cosgrove).

Options from beyond the water box in “*The United Nations World Water Development Report 3: Water in a Changing World*,” UNESCO Publishing, 2009, (with R Cosgrove, J Talafré, R Connor, W Cosgrove, and G de Gooijer).

Getting out of the box – linking water to decisions for sustainable development in “*The United Nations World Water Development Report 3: Water in a Changing World*,” UNESCO Publishing, 2009, (with A Bullock, W Cosgrove, W Hoek, J Winpenny, G Galloway, and B Heij).

Water-Based Sustainable Integrated Regional Development, in “*Water Resources Sustainability*”, ed. L W Mays, McGraw-Hill, ISBN 0071462309, 2007. <https://www.accessengineeringlibrary.com/content/book/9780071462303/chapter/chapter12>

Participative water-based regional development in the South-Eastern Anatolia Project (GAP): a pioneering model, in “*Water as a focus for regional development*”, eds. O Unver, A Biswas, C Tortajada, Oxford University Press, 154-189, 2004 (with R Gupta).

PAPERS IN PEER-REVIEWED JOURNALS & U.N. ORGANIZATIONS

Rachel Carson's Enduring Call: A 60-Year Echo for Harmony with Nature, *Academia Environmental Sciences and Sustainability*. 18 December 2024. (with Gavrielle Orman and Kiril Hristovski). <https://doi.org/10.2093/AcadEnvSci7438>

Integrated Approach to Addressing Flood Risk in Sri Lanka's Deduru Oya Basin: Implications for Water-Food-Land-Energy Nexus. Submitted to *mdpi Water*. (with Wanninayake, S. et al.). Posted Date: 29 April 2024. [doi: 10.20944/preprints202404.1906](https://doi.org/10.20944/preprints202404.1906)

A game-changer for the UN 2023 Water Conference: Intergovernmental Science-Policy Platform for Water Sustainability. 2023. UNESCO, Paris, France. <https://unesdoc.unesco.org/ark:/48223/pf0000385180> . (with RG Varady, A Houdret, W Buytaert, A Mishra, A Amani, A Bhaduri).

Stakeholder Engagement and Perceptions on Water Governance and Water Management in Azerbaijan. *Water*. 12 June 2023, 15(12), 2201; <https://doi.org/10.3390/w15122201> (with Colby Howell and Aaron Cortado).

Escalating Climate Crisis Reveals Need for New Paradigm for Water, commentary, IISD SDG Knowledge Hub, 11 January 2023. <https://sdg.iisd.org/commentary/guest-articles/escalating-climate-crisis-reveals-need-for-new-paradigm-for-water/> (with Hassan Aboelnga and Johannes Cullmann).

Barriers in Participative Water Governance: A Critical Analysis of Community Development Approaches. *Water*. 22 January 2022. <https://doi.org/10.3390/w14050762> (with S Withanachchi et al.).

Development for water, food and nutrition in a competitive environment — How NGOs and CSOs are reshaping traditional farmer irrigation advisory services. *Irrigation and Drainage*, 17 April 2020. (with M Kay; K Chavva; AA Amali; E Pek; M Salman). <https://doi.org/10.1002/ird.2444>

Can the implementation of the Water-Energy-Food Nexus support economic growth in the Mediterranean region? The current status and the way forward. *Frontiers Environ. Sci.*, 02 July 2019, <https://doi.org/10.3389/fenvs.2019.00084> (with G Bidoglio et al.).

A comparison of the Mediterranean Diet and Current Food Consumption patterns in Spain from a nutritional and water perspective. *Science of the Total Environment*, Volume 664, 10 May 2019, 1020-1029 (with A Blas, A Garrido, and B Willaarts). <https://doi.org/10.1016/j.scitotenv.2019.02.111>

Alternative pathways to food security and nutrition: water predicaments and human behavior, *Water Policy*, IWA Publishing, 20 (5), 871-884, 2018, (with J Lundqvist). <https://doi.org/10.2166/wp.2018.171>

Food Security by Optimal Use of Water: Synthesis of the 6th and 7th World Water Forums and Developments since then, *Irrigation and Drainage*, Wiley, Vol. 67, Issue 3, 327-344, 2018, (with P Steduto, B Schultz, S Ota, D Vallee, S Kulkarni and M D Johns Garcia). <https://doi.org/10.1002/ird.2215>

Key and Smart Actions to Alleviate Hunger and Poverty through Irrigation and Drainage, *Irrigation and Drainage*, Wiley, 2018, Vol. 67, Issue 1, 60–71, 2018, (with R Wahaj, E Lorenzon, K Mohammadi, J R Osias, F Reinders, S Wani, J Chuchra, P Lee and I M Sangjun). <https://doi.org/10.1002/ird.2225>

Nature-based solutions in agricultural water management, *FAO Discussion Paper*, Food and Agriculture Organization of the United Nations, Rome, November 2018. <https://openknowledge.fao.org/server/api/core/bitstreams/818a9e85-12e7-415a-b005-05d37a33377d/content>

A thirst for food resilience: Integrating UNFCCC and SDG policies for food and agriculture, *Global Water Forum*, 16 Nov 2017, (with J Matthews, M White, S Bahije et al). <https://www.globalwaterforum.org/2017/11/16/a-thirst-for-food-resilience-climate-smart-water-knowledge-integrates-unfccc-and-sdg-policies-for-food-and-agriculture/>

Editorial: Food security with equity through social and technological innovations, *Future of Food Journal*, Vol. 5, No. 2, 2017, University of Kassel, Germany.

Sustainable intensification of agriculture for human prosperity and global sustainability, *Ambio*, Vol. 46 (1), 4-17, 2017, (with J Rockström, J Williams, G Daily et al). <https://doi.org/10.1007/s13280-016-0793-6>

Nutrition-sensitive agriculture-what does it mean and which impact can it have in addressing actual malnutrition problems, *Annals of Nutrition and Metabolism 2017*, KL-144/3391, Karger Medical and Scientific Publishers, 2017 (with R Charrondiere, M Rahmanian, G Hemrich, J Toppe, G Muir, S Dahdouh, R Rolle, A Mottet, B Scherf).

Water-use efficiency and productivity improvements towards a sustainable pathway for meeting future water demand, *Water Security*, Elsevier, Vol. 1, 21-27, 2017, (with A Bhaduri, J Hoogeveen). <https://doi.org/10.1016/j.wasec.2017.05.001>

Water and jobs in the agri-food sector. In *World Water Development Report 2014*. pp 38-44. UNESCO. Paris, France. March 2014. (with M Audre Ever et al).

Water and Agriculture for Sustainable Development, *Water Monographies*, WM3-2015. pp 12-19. Publisher-Oficina de Naciones Unidas de apoyo al Decenio «El agua, fuente de vida» 2005-2015/

Programa de ONU-Agua para la Promoción y la Comunicación en el marco del Decenio • WCCE - World Council of Civil Engineers • Fundación Aquae. 2015. <https://www.un.org/waterforlifedecade/pdf/wm-iii-eng.pdf>

Integrated Water Management Approaches for Sustainable Food Production, *Irrigation and Drainage*, Wiley, Vol. 63, Issue 2, 221-231, 2014, (with C D Fraiture, A Fayrap, R Ragab). <https://doi.org/10.1002/ird.1847>

Policymakers' reflections on water governance issues, *Ecology and Society* 18 (1), 2013, (with J Gupta, A Akhmouch, W Cosgrove, Z Hurwitz, J Maestu). <http://dx.doi.org/10.5751/ES-05086-180135>

Global governance of water: a practitioner's perspective, *Global Governance*, Vol. 14 (4), 409-417, 2008. <http://www.jstor.org/stable/27800721>

Agricultural water use in Turkey, *Water International*, Vol. 29 (2), 257-264, 2004, (with B Cakmak, T Akuzum). <https://doi.org/10.1080/02508060408691776>

Water pricing: Issues and options in Turkey, *International Journal of Water Resources Development*, 2003/6/1, Vol. 19, Issue 2, 311-330, 2003, (with R Gupta). <https://doi.org/10.1080/0790062032000089383>

Assessment of agricultural water use in Turkey. [Proceedings](https://www.iwra.org/proceedings/congress/resource/MADRID2003_OLCAY_UNVER_EN.pdf) of IWRA XI World Water Congress, 5-9 October 2003, Madrid, Spain. https://www.iwra.org/proceedings/congress/resource/MADRID2003_OLCAY_UNVER_EN.pdf . (with B Cakmak, T Akuzum).

Evaluation du prix de l'eau en Turquie avec une reference speciale au projet du Sud Est de l'Anatolie, *Houille Blanche*, 92-98, 2003, (with R Gupta). <https://doi.org/10.1051/hb/2003015>

Southeastern Anatolia Development Project, Institute of Electrical and Electronics Engineers (IEEE) *Power Engineering Review*, U.S.A., Vol.22, No.3, 2002. <https://doi.org/10.1109/MPER.2002.989194>

Sustainable human development in Upper Mesopotamia, *2001 Power Engineering Society Summer Meeting. Conference Proceedings (Cat. No.01CH37262)*, Vancouver, BC, Canada, 2001, pp. 539 vol.1-, <https://doi.org/10.1109/PESS.2001.970088>

Institutionalizing the Sustainable Development Approach: Co-ordination across Traditional Boundaries, *International Journal of Water Resources Development*, Carfax Publishing Co., Vol. 17, No. 4, 511-520, 2001. <https://doi.org/10.1080/07900620120094064>

An Institutional Framework for Facilitating Cooperation in the Euphrates-Tigris River Basin, *International Negotiation*, Kluwer Law International, Vol. 5, 311-330, 2000, (with A Kibaroglu). <https://doi.org/10.1163/15718060020848785>

Southeastern Anatolia Project (GAP), *International Journal of Water Resources Development*, Carfax Publishing Co., Vol 13, No 4, 453-483, 1997. <https://doi.org/10.1080/07900629749575>

Foreword, *International Journal of Water Resources Development*, Carfax Publishing Co., Vol. 13, No. 2, 1997. <https://doi.org/10.1080/07900629749548>

Editorial, *International Journal of Water Resources Development*, Carfax Publishing Co., Vol. 13, No. 2, 1997. <https://doi.org/10.1080/07900629749557>

Southeastern Anatolia Integrated Development Project (GAP), Turkey: An Overview of Issues of Sustainability, *International Journal of Water Resources Development*, Carfax Publishing Co., Vol. 13, No. 2, 187-207, 1997. <https://doi.org/10.1080/07900629749827>

Improvement of Canal Regulation Techniques in the Southeastern Anatolia Project (GAP) of Turkey, *Water International*, Vol 18, No 3, 1993, (with B Voron). <https://doi.org/10.1080/02508069308686172>

Improvement of Field Water Distribution and Irrigation Techniques in the Southeastern Anatolia Project (GAP) of Turkey, *Water International*, International Water Resources Association, Vol 1, No 3, 1993, (with B Voron). <https://doi.org/10.1080/02508069308686173>

A Self-Correction Technique for Real-Time Simulation of Regulated Rivers, *Water Resources Development*, Butterworth-Heinemann Ltd., London, Vol 8, No 4, 248-256, 1992. <https://doi.org/10.1080/07900629208722562>

Model for Real-Time Optimal Flood Control Operation of Reservoir Systems, *Water Resources Management*, Kluwer Academic Publishers, Volume 4, Issue 1, 21-46, 1990, (with L W Mays). <https://doi.org/10.1007/BF00429923>

Real-Time Flood Management Model for Highland Lakes, *Journal of Water Resources Planning and Management*, A.S.C.E., Vol 113, No 5, 1987. [https://doi.org/10.1061/\(ASCE\)0733-9496\(1987\)113:5\(620\)](https://doi.org/10.1061/(ASCE)0733-9496(1987)113:5(620))

Optimal Determination of Loss Rate Functions and Unit Hydrographs, with L W Mays, *Water Resources Research*, Vol. 20, No. 2, 23-214, 1984, (with L W Mays and K Lansey). <https://doi.org/10.1029/WR020i002p00203>

SELECTED OPINION PIECES, REPORTS, PRESENTATIONS, SPEECHES

International Water Agenda. Module in online course iWater: the Future of Water in Cities. Cologne University, Germany. October 2024. <https://knowture.mans.edu.eg/courses/course-v1:CologneUniversity+Soc101+2024T1/about>

Invited blog post “The Black Soldier Fly Revolution in Support of Waste Reduction, Food Security, and Water Conservation”. FAO inter-Regional Technical Platform on Water Scarcity. 29 May 2024. (With Jung T, Orman G, and Hristovski, K). <https://www.fao.org/platforms/water-scarcity/Out-reach/blog-on-water-scarcity/blog-detail/sustainable-land-and-water-for-food-security>

Guest article “Rachel Carson’s Legacy: A Call to Embrace Nature-based Solutions”. IISD SDG Knowledge Hub. 17 April 2024. (with Laird, H). <https://sdg.iisd.org/commentary/guest-articles/rachel-carsons-legacy-a-call-to-embrace-nature-based-solutions/>

Invited speech “Navigating Scarcity: Integrating Water Management for Sustainable Food Security”. 11 March 2024. Institute for Development and Diplomacy, ADA University. Baku, Azerbaijan.

Ignite talk and moderation. Inaugural Plenary Panel: "Global water scarcity and climate change". Baku Water Week – International Exhibition and Conference for Water Management. 13 March 2024. Baku, Azerbaijan.

A Review of Azerbaijan Stakeholder Perceptions & Engagement Survey Results. Report by Food and Agriculture Organization of the United Nations. Baku. 2023. (with Amanov R, Howell C, and Abbasov R).

A Survey of Farmers’ Use of Irrigation Water and Associated Challenges (in Azerbaijani). Report by Food and Agriculture Organization of the United Nations and Ministry of Agriculture of the Republic of Azerbaijan. Baku. 2023. (with Feyziyev F, Amanov R, and Abbasov R).

Keynote speaker. 2023 World Energy Strategies Congress and Exhibition. Yildiz Technical University. Istanbul. 20-23 August 2023. <https://wesce.org/keynote-speakers/>

Interview: “Water for sustainable development”. *Nature Water* 1, 568–572 (2023). 5 July 2023. <https://doi.org/10.1038/s44221-023-00108-2> (by Karin Sjöstrand; featured: Musonda Mumba, Olcay Ünver, Sulton Rahimzoda, and Mariana Mazzucoto).

In proceedings: “Nature-Based Solutions for Water”. Aqua fons vitae-Valuing and caring for a common good: Water. Dicastery for Promoting Integral Human Development. The Holy See. Vatican City. 2023. (with Howell, C.). <https://www.humandevlopment.va/content/dam/svilup-poumano/pubblicazioni-documenti/documenti/aqua-fons-vitae/2024/Aqua-fons-vitae.pdf>

Keynote speaker. “Water management for a sustainable and climate-resilient future”. 11th Global Conference on Global Warming (GCGW-2023). Haliç University. Istanbul. 14-16 June 2023. <https://gcgw2023.org>

Keynote co-author (keynote speaker Kiril Hristovski). “Real-time monitoring of environmental pollution and carbon sequestration using microbial potentiometric sensors”. 11th Global Conference on Global Warming (GCGW-2023). Haliç University. Istanbul. 14-16 June 2023. <https://gcgw2023.org>

Panelist. “Sustainable Management of Land and Water: Making Ecosystems and Communities more Resilient to Drought and Floods”. UNCCD side event for International Conference on Climate Risk, Vulnerability and Resilience Building. UNESCO Headquarters, Paris. 19 April 2023. [https://www.unccd.int/sites/default/files/2023-04/UNCCD at UNESCO climate resilience conference .pdf](https://www.unccd.int/sites/default/files/2023-04/UNCCD%20at%20UNESCO%20climate%20resilience%20conference.pdf)

Speaker. “Reforms, stakeholder engagement, and innovation in water sector to accelerate SDG achievement through transformative actions in Azerbaijan”. Government of Azerbaijan, FAO, and IOM side event in United Nations 2023 Water Conference. UN Headquarters, New York. 24 March 2023. <https://webtv.un.org/en/asset/k1n/k1nkjlortw>

Speaker. “Climate Change, Wetlands and Women: Actions Towards Creating Resilient Communities and Ecosystems”. Women for Water et. al. side event in United Nations 2023 Water Conference. UN Headquarters, New York and online. 20 March 2023. [https://sdgs.un.org/sites/default/files/2023-04/Virtual Climate Change, Wetlands and Women - Actions Towards Creating Resilient Communities and Ecosystems.pdf](https://sdgs.un.org/sites/default/files/2023-04/Virtual%20Climate%20Change,%20Wetlands%20and%20Women%20-%20Actions%20Towards%20Creating%20Resilient%20Communities%20and%20Ecosystems.pdf)

Speaker. “Focus on National Leadership for Inclusive Water Governance: Call for Renewed Water Action and Commitments”. Government of South Africa and UN-Water side event for United Nations 2023 Water Conference. UN Headquarters, New York, 23 March 2023.

Opinion piece: “The UN Water Conference - Time to Govern Water as a Global Commons” (with Ines Dombrowsky and Annabelle Houdret). The Current Column. German Institute of Development and Sustainability (IDOS). Bonn, Germany. 20 March 2023. <https://www.idos-research.de/en/the-current-column/article/the-un-water-conference-time-to-govern-water-as-a-global-commons/>

“A global-scale look at trends in land and water resources governance”. Speech at University of Arizona Udall Center for Studies in Public Policy. Tucson, Arizona. 27 February 2023.

Keynote speaker. “Pathways to zero hunger, water and sanitation for all, and energy security* (*can we have our cake and eat it, too?)”. G-STIC Conference: Accelerating technological solutions for the SDGs. Rio de Janeiro, Brazil. 13-15 February 2023. <https://www.gstic.org/rio/programme/13-february/?inrio=22703>

Panel speaker “Accelerating the implementation of the objectives of the Water Action Decade”. Multi-stakeholder Thematic Webinar in Preparation for UN 2023 Water Conference. United Nations Department of Economic and Social Affairs, New York and virtual. 17-18 January 2023.

Guest article. Escalating Climate Crisis Reveals Need for New Paradigm for Water. IISD SDG Knowledge Hub. 11 January 2023. <https://sdg.iisd.org/commentary/guest-articles/escalating-climate-crisis-reveals-need-for-new-paradigm-for-water/>

Panel speaker on groundwater governance. UN-Water Summit on Groundwater. UNESCO. Paris. 7 December 2022. <https://groundwater-summit.org/sessions/governance/>

Invited keynote speaker. "Groundwater and the right to a healthy environment". Side event to UN-Water Summit on Groundwater. Humanright2water, Deltares, Action contre la faim. Paris. 6 December 2022. https://groundwater-summit.org/wp-content/uploads/2022/10/GWS_PreSummit_Programme.pdf

Keynote speaker. "Assessment and Regulation of Reuse". 3rd Water Reuse Days: Sustainable Water Solutions for Agriculture in the Mediterranean, 23-24 November 2022, Bologna, Italy and online. <https://fit4reuse.org/2023/01/18/final-event/> and https://youtu.be/Q_H6qUI7JaY

Inaugural speech. "Global Food and Water (In)security". Earth Care, Paradise Valley United Methodist Church, Arizona. 7 November 2022. <https://pvumc.org/earthcare/resources/> and <https://youtu.be/6MywIA9cmoU>

Invited key speaker on water governance. Stakeholder Consultation by the President of the United Nations General Assembly for the United Nations 2023 Water Conference. New York. 24 October 2022. <http://waterpolicygroup.com/index.php/2022/10/26/address-from-olcay-unver-at-the-2022-stakeholder-consultation-on-the-preparation-of-the-united-nations-2023-water-conference/> and <https://youtu.be/ExqoElrJN4A>

"Sustainable Development Goals (SDGs): What they mean for Water Engineering?", Engineers Australia Seminar. Online. 13 October 2022. <https://portal.engineersaustralia.org.au/event/2022/09/what-sdgs-mean-water-engineering-45231>

"Barriers to sustainable water management in agriculture", PRIMA Webinar: Solutions and Challenges for Sustainable Water Management in the Mediterranean Basin. The Partnership for Research and Innovation in the Mediterranean Area (PRIMA) 29 September 2022. https://prima-med.org/wp-content/uploads/2022/09/updated-Agenda_Joint-webinar_PRIMA.pdf

"Listening to National Water Leaders", SDG 6 Special Event Virtual Dialogue, United Nations High-Level Political Forum 2022, United Nations-Water. New York and online. 14 July 2022. https://www.unwater.org/sites/default/files/app/uploads/2022/07/Agenda_SDG-6-Special-Event-Virtual-Dialogue-14July2022_Final.pdf

"Is water for food still the 'missing link' in water resources planning?", Special international guest speaker, UK Irrigation Association Summer Conference: Building resilience and sustainability in irrigated agriculture in UK. Peterborough, United Kingdom, 6 July 2022. <https://www.ukia.org/wp-content/uploads/2022/06/confprog2022f.pdf>

Opening speech and closing remarks, Interactive Panel "Moving out of the Water Box and Promoting Integration at All Levels", Second High-Level International Conference on the International Decade for Action "Water for Sustainable Development", 2018-2028. Dushanbe, Tajikistan. 8 June 2022. https://dushanbewaterprocess.org/wp-content/uploads/2022/06/programma_2022_eng_site.pdf

Presentation of Global Water Policy Report 2021, Joint session of the International Advisory Committee and Steering Committee of the United Nations Friends of Water Group, Second High-Level International Conference on the International Decade for Action "Water for Sustainable Development", 2018-2028. Dushanbe, Tajikistan. 6 June 2022.

Keynote speech, Webinar on Climate Change Impact on Water-Food-Energy Nexus, International Scientific Association for Sustainable Water Resource Management, Braunschweig, Germany and online. 18 May 2022. <https://swindon-water.com/2022/03/22/announcement-of-webinar-may-2022/>

Panel speech, Science for a water secure world in a changing environment. [Scientific side event](#) of the 25th Session of the IHP Council. UNESCO headquarters. Paris, France. 25 April 2022.

“Hydropower and dams in a context of water and food security in a changing climate”, [Keynote address](#). International Conference on Hydropower and Dams Development for Water and Energy Security – Under Changing Climate. Committee of the International Commission on Large Dams, India (INCOLD), Central Board of Irrigation and Power, Central Water Commission, Ministry of Jal Shakti, Central Electricity Authority, and Ministry of Power. Rishikesh, India and online. 7 April 2022.

“Water for Food, Energy, Environment and Livelihoods—Can we have them all?”. Keynote speech. 13th International Energy, Energy and Environment Symposium ([IEEES-13](#)). Umm Al- Qura University, Makkah, Saudi Arabia and online. 15 March 2022.

Keynote speech, CGIAR Water, Land and Ecosystems Legacy Symposium, International Water Management Institute, Colombo, Sri Lanka, 30 November 2021. Recording available at <https://youtu.be/-65SJFkwzcQ> (mins. 11:30-29:00).

Presentation of 2021 Global Water Policy Report on behalf of Water Policy Group. 35th United Nations-Water Biannual Meeting. Rome and online. 4-6 October 2021.

Turkey and Sustainable Development Goals. Sustainathon 2021. Online. RemTech Europe in collaboration with European Parliament. 23-24 September 2021.

Panel speech. Energy, Environment & Economy Session. Turkish Academy of Sciences (TUBA) World Conference on Energy Science and Technology. Ankara, Turkey and online. 8 August 2021. <https://www.tuba.gov.tr/files/yayinlar/Bildiri/TUBA-978-605-2249-75-8.pdf> <https://www.youtube.com/live/FV2dsR9Zzv8?feature=share>

Keynote talk. “Pathways to Sustainability in an Increasingly Water-Scarce World”. Turkish Academy of Sciences (TUBA) World Conference on Energy Science and Technology. Ankara, Turkey and online. 10 August 2021. <https://www.tuba.gov.tr/files/yayinlar/Bildiri/TUBA-978-605-2249-75-8.pdf> <https://www.youtube.com/live/ET8W-4QljgY?feature=share>

Water Policy Pitch. Virtual 6th International Water Regulators Forum – Closing Plenary. International Water Association. 8 July 2021. <https://iwa-network.org/learn/virtual-6th-iwrf-closing-plenary/>

Panel speech. Side Event “SOLAW21: Sustainable, Scalable and Dynamic Solutions in land, soil and water management towards Food System Transformation”. Science Days. Food and Agricultural Organization of the United Nations (FAO). Rome, Italy and online. 7 July 2021. <https://www.fao.org/land-water/events/solaw21/en>

“Land and Water Management for Food Security: The Broad Picture,” Gerald Lacey Lecture 2021, Irrigation and Water Forum, Institution of Civil Engineers, Oxfordshire, Oxford, U.K., 7 June 2021. Recording available at <https://www.ice.org.uk/eventarchive/gerald-lacey-lecture-2021-online>

“Technology and innovation in food and water security”. [E-Symposium “The Future of Resources and Sustainability”](#). TRENDS Research Group. United Arab Emirates and online. 6 April 2021. Recording available at <https://trendsresearch.org/event/the-future-of-resources-and-sustainability/>

Water Governance for Peace. [OECD Water Days 2021](#), Webinar jointly organized by OECD and Dicastery for Promoting Integral Human Development, Vatican. 26 March 2021. Recording available at <https://youtu.be/3sVESGapIPQ>

“Water, Sanitation, COVID-19, Values and the Future of Water”. [Keynote Speech](#). World Water Day Webinar, Light Millennium, Permanent Mission of Costa Rica to the United Nations, Earth Forever, and Agualimpia. 21 March 2021. Recording available at <http://www.lightmillennium.org/un/2021/video/wwd2021-webinar-video-march-21.mp4>

“Nature-based solutions are great, but why don’t we see a lot more of them?” Invited speech. [IAHR 85th Anniversary Summit](#), International Association for Hydro-environment Engineering and

Research (IAHR). Beijing, China and online. 14-17 December 2020. <https://www.iahr.org/en/web/index/188> Recording available at <https://www.iahr.org/index/video/355>

“Outrunning COVID - accelerating progress on water, sanitation and hygiene”. [Invited article. Smart Water Magazine](#). 16 November 2020.

“Tackling the water crisis: Accelerating progress towards achieving SDG 6 and scaling impact to the local level”. Keynote speech. Final Conference, [GRoW Water as a Global Resource](#). German Federal Ministry of Education and Research. 20 October 2020. Berlin, Germany. Recording available at <https://youtu.be/6B-tV42cNKM>

“Water as a Global Resource: Recommendations for Policy and Practice”. High-level Panel Speech, Final Conference, [GRoW Water as a Global Resource](#). German Federal Ministry of Education and Research. 21 October 2020. Berlin, Germany. Recording available at <https://youtu.be/k-GKTWamfks>

Presentation. Webinar “10th Anniversary Of Human Rights To Water And Sanitation”. Human Right 2 Water. 30 July 2020. <http://humanright2water.org/blog/2020/07/30/10th-anniversary-of-human-rights-to-water-and-sanitation/>

“Multilateral cooperation and the rights to water and sanitation- current challenges and roadmap for the 2020-2030 decade”. Invited speech. [Celebration of the 10-year anniversary of the recognition of the human rights to water and sanitation](#). Organized by the United Nations Special Rapporteur on the human rights to safe drinking water and sanitation. 7 July 2020.

[International Celebration of the 10th Anniversary of Human Rights to Water and Sanitation](#). Invited speech. Water Research Commission of South Africa. 30 July 2020.

“The CARROT framework for achieving a paradigm shift in sanitation security and water reuse”. [Invited article. Smart Water Magazine](#). 10 June 2020. With H. Aboelnga.

“Coronavirus - wake-up call to ensure water and sanitation for all”. [Opinion piece. Thompson Reuters Foundation](#). 26 March 2020. With H. Aboelnga And A. Elmahdi.

“Climate Change, Water Resources and International Agenda”. *Keynote Address to Inaugural Roorkee Water Conclave*, Indian Institute of Technology and National Institute of Technology, Roorkee, India, 26 February 2020.

Second [Workshop on Development Impact and SDGs: Water investments in the context of the SDG framework](#), *Keynote Speech in Opening Plenary*. Food and Agricultural Organization of the United Nations and New Development Bank. FAO Headquarters, Rome, Italy. 9-10 December 2019.

Business as usual is not an option to manage our water, energy and food sectors, [IDA Global Connections](#), Winter 2019 issue, International Desalination Association.

“Water, Agriculture, Urbanization”. Invited speech. Chatham House. [Water 2019, The New Oil?](#) London, U.K. 18 November 2019.

“Coping with water scarcity requires holistic approaches”. [Opinion piece. Thompson Reuters Foundation](#). 14 November 2019. With E. Mansur.

“Water and Climate Change: Challenges”. *Keynote Speech at International Conference 'Towards a Sustainable Water Future'*, Future Earth and Indian Institute of Science, Bengaluru, India, 25 September 2019.

“Glancing at 2050 from the Perspective of Global Sustainability, Water Resources and Food Security”. *Keynote Address to Environmental Security Session*, International Security Congress (Theory, Method, Practice), Presidency of Republic of Turkey, Ankara, Turkey, 20 September 2019.

Article. "A Food- and Water-Secure World" in Visions for a Positive Future. One Earth, Published by Elsevier. 20 September 2019. [https://www.cell.com/one-earth/fulltext/S2590-3322\(19\)30022-3](https://www.cell.com/one-earth/fulltext/S2590-3322(19)30022-3)

"Interagency cooperation frameworks on integrated drought management". Speech at Drought Preparedness Day Session of UNCCD COP-14. New Delhi, India. 11 September 2019.

Paper. Role of Civil Society and Non-State Actors with Focus on Farmers and Extension Facilities, *Background Paper for World Irrigation Forum 3*, Bali, Indonesia, 1-7 September 2019, (with M Kay, K Chavva, A Amali).

MOOC. Nature-based Solutions and Agriculture. SDG Academy 23 August 2019. https://sdgacademylibrary.mediaspace.kaltura.com/media/Nature-based+Solutions+and+Agriculture/1_oz7fo7-tu/130388601

Keynote speech. Water and food security: pathways that leave no one behind and those that do, *Keynote Speech at 10th Water Research Horizon Conference 2019*, Water Science Alliance and the Federal Institute for Geosciences and Natural Resources, Hannover, Germany, 19 June 2019. https://www.bgr.bund.de/EN/Themen/Wasser/Aktuelles/Archiv/2019-06_10wrhc_en.html

Op-Ed. "Four reasons small farms are running out of water – and how we can fix it". Thomson Reuters Foundation, 31 January 2019, (with M Giordano and J Barron). <https://news.trust.org/item/20190131101623-71ugw/>

Black Soils for Food Security and Climate Change Adaptation and Mitigation. 24th Session of the Conference of the Parties (COP24) to the United Nations Framework Convention on Climate Change. World Soil Day Event. Food and Agriculture Organization of the UN (FAO) and Ministry of Agriculture and Rural Development of Poland, Katowice, Poland, 5 December 2018.

Address to the Vatican Conference "Governing a common good: Access to drinkable water for all". Dicastery for Promoting Integral Human Development, Vatican, 9 November 2018. https://www.partner-religion-development.org/fileadmin/Dateien/Resources/Knowledge_Center/EWCA_resources/ACQUA-FONS-VITAE-Catholic-toolbox-2020.pdf <https://www.humandevlopment.va/content/dam/sviluppoumano/water-resources/39.pdf>

Intervention at High Level Segment of the 8th Meeting of the Parties to the Water Convention, UNECE. Astana, Kazakhstan. 3 October 2018. https://unece.org/fileadmin/DAM/env/documents/2018/WAT/10Oct_10-12_8thMOP/High-Level_segment/Part_2_compilation_updated.pdf

Interview. Food and Agriculture Organization of the United Nations, Rome. 19 September 2018. <https://youtu.be/OD4iAAthWE>

Article. Le statu quo n'est pas une option pour gérer nos secteurs de l'eau, de l'énergie et de l'alimentation, Nouvelles CIID, International Commission of Irrigation and Drainage, Quatrième Triestremte 2018. https://www.icid.org/icidnews_18_4f.pdf

Foreword. Water stress and human migration: a global, georeferenced review of empirical research. FAO Land and Water Discussion Paper 11. FAO, Global Water Partnership, and Oregon State University. 2018. <https://www.fao.org/3/I8867EN/i8867en.pdf>

Speech. "The potential of Nature-Based Solutions for water and sustainable development". UN World Water Development Report Session, World Water Week In Stockholm. Sweden. 28 August 2018. <https://www.worldwaterweek.org/event/8117-un-world-water-development-report-2018-nature-based-solutions-for-water>

Interview. "WASAG, the Global Framework on Water Scarcity in Agriculture". World Water Week 2018. Stockholm, Sweden. 26 August 2018. <https://vimeo.com/283655132>

Opening speech. Final Project Workshop “More effective and sustainable investments in water for poverty reduction”, FAO Headquarters, Rome, Italy. 28-29 June 2018. <https://www.fao.org/in-action/water-for-poverty-in-africa/finalprojectworkshop/zh/>

Keynote Address, *Action Panel on “Integrated water resources management, water efficiency and productivity”*, High-Level International Conference on the Implementation of the International Decade for Action “Water for Sustainable Development, 2018-2028”, Dushanbe, Tajikistan, 20 June 2018. <https://www.fao.org/land-water/outreach/events-details/ru/c/1140666/>

Speaker. Plenary discussion towards a vision for solar technologies for small-scale agriculture and water management. Closing plenary. International Forum on Solar Technologies for Small-scale Agriculture and Water Management. FAO Headquarters, Rome, Italy, 13 April 2018. <https://www.fao.org/3/I9096EN/i9096en.pdf>

Interview. “Positive prospects for solar-powered irrigation systems”. Food and Agriculture Organization of the United Nations. Rome, Italy. 12 April 2018. https://www.fao.org/news/audio-video/detail-audio/fr/?no_cache=1&uid=12367

Interview. “Benefits and Risks of Solar-Powered Irrigation Systems”. Food and Agriculture Organization of the United Nations. Rome, Italy. 12 April 2018. https://youtu.be/IB4VGXk_-2M

Interview. “Anticiper les problèmes de l'eau peut atténuer le fardeau des migrations”. United Nations News Global Perspective. 18 March 2018. <https://news.un.org/fr/story/2018/03/1008932>

Speech. “Land and water management to strengthen climate change resilience” in Proceedings from the FAO-IILA Open House on Climate Change. Challenges in Agriculture in Latin America. Rome, Italy. FAO. pp. 38. Licence: CC BY-NC-SA 3.0 IGO. 13-14 February, 2018. <https://www.fao.org/3/ca2509en/CA2509EN.pdf>

Feeding the World in a Changing Environment, *Innovation Talk*, Arizona State University, Tempe, Arizona, USA, 25 January 2018. <https://vimeo.com/252914191>

Managing Water Scarcity for Agriculture, Agriculture-based climate solutions, 23rd Session of the Conference of the Parties (COP23) to the United Nations Framework Convention on Climate Change, Agriculture Action Day, Bonn, Germany, 10 November 2017. https://unfccc.int/sites/default/files/1011_agriculture_mark_2_211.pdf

Presentation. The Energy-Water-Food-Environment Nexus: new rules for risk management. First International Forum “Rules of Water, Rules for Life”. Milan Center for Food Law and Policy. Milan. 27-28 September 2017. https://www.unige.ch/droit/eau/files/4715/0229/5052/ROW_-_draft_of_the_Programme_EN_25.07.2017_3.pdf

Water Scarcity, Agriculture, Food Systems and Climate Change. International Summit: Meeting of the Great Rivers of the World. Italian Ministry of Environment, UNECE, and International Network of River Basin Organizations. Rome, Italy, 24 October 2017. <https://www.riob.org/es/node/4113>

Opening speech. Opening ceremony of the 23rd ICID Congress and 68th IEC Meeting. International Commission on Irrigation and Drainage. Mexico City, Mexico. 9 October 2017. <https://youtu.be/Sc3k3I3zrGo>

Keynote speech. International Seminar “Water Use in Food Value Chains: A Challenge for a New Green Revolution?” Food and Agriculture Organization of the United Nations and International Commission of Irrigation and Drainage. Mexico City, Mexico. 8 October 2017. https://www.fao.org/fileadmin/user_upload/faowater/docs/FAO_ICID_9_OCT_WEB.pdf

Contributor. International Seminar on Drought and Agriculture “Predict, Plan, Prepare: Stop Drought Becoming Famine”. Food and Agriculture Organization of the United Nations, Rome, Italy. 19 June 2017. https://www.fao.org/fileadmin/user_upload/faowater/docs/drought_seminar/misc/9_LIST_OF_CONTRIBUTORS_01.pdf

Interview with United Nations Radio. Rome/Berlin for The high-level Global Forum for Food and Agriculture (GFFA). Berlin, Germany, 17 January 2017. https://www.fao.org/news/audio-video/detail-audio/fr/?no_cache=1&uid=12012

Water alliance with socioeconomic sectors, 22nd Session of the Conference of the Parties (COP22) to the United Nations Framework Convention on Climate Change, Water Action Day, Marrakesh, Morocco, 9 November 2016.

Key and Smart Actions to Alleviate Hunger and Poverty through Irrigation and Drainage, Second World Irrigation Forum Background Paper, 2016, (with R Wahaj, E Lorenzon, K Mohammedi, JR Osias, F Reinders).

Speaker. Side event “Investing in food safety for equitable and sustainable development” in the 43rd Session of Committee on World Food Security (CFS). FAO Headquarters. Rome, Italy. 18 October 2016. <https://www.fao.org/cfs/cfs-old/home/plenary/cfs43/side-events/68/en/> https://www.fao.org/fileadmin/templates/cfs/CFS43/CFS43_Side-Event-Guide.pdf

Freshwater, Fish and the Future: Water Governance and Management for Sustainable Development, *Proceedings of the Global Cross-Sectoral Conference*, Rome, Italy Food and Agriculture Organization of the United Nations, Michigan State University, American Fisheries Society, 2016, (with L Pluschke, B Riley, S Youn). <https://fisheries.org/bookstore/all-titles/professional-and-trade/55076p/>

Conference speech. “Water in the United Nations Initiatives”. European Union Water Joint Programming Initiative (JPI) 1st Annual International Conference. Rome, Italy. 19 May 2016. <http://www.waterjpi.eu/resources/conferences/water-jpi-1st-annual-international-conference>

Concept Paper. “Coping with water scarcity in agriculture: a global framework for action in a changing climate”. Food and Agriculture Organization of the United Nations. Rome, Italy. 15 March 2016. <https://www.fao.org/documents/card/en?details=aeddee58-f3bf-4acf-9053-0d864e127ed5/> (with Lucie Pluschke, Marlos DeSouza, Eduardo Mansur).

Opening speech. Workshop “Establishment of the International Network of Soil Information Institutions (INSII)”. FAO Headquarters, Rome, Italy. 8 December 2015. <https://www.fao.org/3/bl103e/bl103e.pdf>

Speaker. Plenary Closing session: “Joining forces for lasting impacts”, in Land and Water Days 2015. FAO Headquarters, Rome, Italy. 12 November 2015. <https://www.fao.org/3/I9096EN/i9096en.pdf>

Can saving lives save livelihoods? The water- energy-food nexus and human security, *Water for Development – Charting a Water Wise Path*, 59-63, Stockholm International Water Institute, 2015, (with L Pluschke). https://siwi.org/wp-content/uploads/2015/08/2015-world-water-week-report_-_water-for-development.pdf

Interview. “7th World Water Forum: Better policies and more investments needed”. FAO. Rome, Italy. 14 April 2015. https://www.fao.org/news/audio-video/detail-audio/en/?no_cache=1&uid=11110

Chair and keynoter. Side event “Water for food security and nutrition”. A premiere of the Report of the High Level Panel of Experts on Food Security and Nutrition (HLPE) for the UN Committee on World Food Security (CFS). 7th World Water Forum. Daegu, Korea. 13 April 2015. https://www.fao.org/fileadmin/user_upload/hlpe/hlpe_documents/Events/HLPE_WWF7_Side-Event_SE-00507_13-April-2015.pdf

Water resources: which future?, Keynote Speech at International Conference “A resource in jeopardy: the present and future of water”, Aqvitaly, Italian Ministries of Environment and Agriculture, Rome, Italy, 19 February 2015.

Keynote speech. *Acqua, Salute & Benessere*. Fondazione Internazionale Menarini. Cesena, Italy. 6 June 2014. <https://www.en.fondazione-menarini.it/Home/Search-Results?search=Olcay> Unver

J. James Woods Lecture, Butler University, Indianapolis, Indiana, 09 April 2014.

Introductory Speech. *Nexus Approaches to Management Across Boundaries and Their Relevance in the Post-2015 Era*. International kick-off workshop on “Advancing a nexus approach to the sustainable management of water, soil and waste”. United Nations University Institute for Integrated Management of Material Fluxes and of Resources. 11-12 November 2013. https://collections.unu.edu/eserv/UNU:2692/Proceedings_KickOffWorkshopNexusApproach.pdf

Panel Speech. *Opportunities and Challenges for the Nexus Approach in Managing Water, Soil and Waste*. International kick-off workshop on “Advancing a nexus approach to the sustainable management of water, soil and waste”. United Nations University Institute for Integrated Management of Material Fluxes and of Resources. 11-12 November 2013. https://collections.unu.edu/eserv/UNU:2692/Proceedings_KickOffWorkshopNexusApproach.pdf

Interview. *L'avenir de l'Afrique coule dans ses fleuves*. Le Figaro. France. 20 September 2012. <https://bourse.lefigaro.fr/devises-matieres-premieres/actu-conseils/l-avenir-de-l-afrique-coule-dans-ses-fleuves-172260>

Keynote speech. *Water and Sanitation as a Human Right*. In *Water Day at Rio+20*, UN-Water, UN Conference on Sustainable Development (UNCSD), Rio de Janeiro, Brazil, 19 June 2012.

Oral presentation. *The World Water Development Report 4*. Global Water Futures Forum. UNESCO Headquarters, Paris. France. 12 April 2012.

Interview with Bloomberg. “*Water Use by Farmers Will Rise 19% by 2050, UN Says*”. 12 March 2012. <https://www.bloomberg.com/news/articles/2012-03-11/farmers-to-battle-water-scarcity-as-food-demand-grows-un-says#xj4y7vzkg>

Water governance requires co-operation and co-ordination from all stakeholders and across all sectors, *Europe's World*, 202/6/1, Friends of Europe Publishers, 2012.

Presentation. *A closer look at growing risks: Degradation of water quality*. In Round table III. Water Quality. International High Level Conference on the Midterm Comprehensive Review of the International Decade for Action «Water for Life», 2005-2015. June 8-10, 2010. https://mfa.tj/uploads/main/2013/03/kitobi_ob_eng.pdf

Panel speech. *Living with Uncertainty: Climate Change*. In Round Table IV. Water Resources and Adaptation to Climate Change and Disaster Risk Reduction. International High Level Conference on the Midterm Comprehensive Review of the International Decade for Action «Water for Life», 2005-2015. June 8-10, 2010. https://mfa.tj/uploads/main/2013/03/kitobi_ob_eng.pdf

Panelist. United Nations General Assembly High Level Panel on Water, Peace and Security, United Nations Headquarters, New York, 22 March 2010. <https://studylib.net/doc/15354942/mr.-olcay-unver> <https://www.un.org/french/ga/president/64/interactive/water.shtml> and <https://press.un.org/en/2010/ga10925.doc.htm>

Interview. “*L'Eau dans un monde qui change*”. Le Courrier de l'UNESCO 2009 numéro 3. Paris, France. 2009. https://unesdoc.unesco.org/ark:/48223/pf0000186121_fre

Interview with Xinhua News Agency. “*China can act as role model on water management*”. 30 March 2009. http://www.china.org.cn/environment/news/2009-03/30/content_17525300.htm

Keynote speaker, Topic 6: Education, Knowledge and Capacity Development, 5th World Water Forum, World Water Council and Government of Turkey, Istanbul, 20 March 2009.

Panelist. "Taming Bigfoot: What Technologies Can Reduce the Water and Energy Footprint?", Convener: European Water Partnership. 5th World Water Forum, World Water Council and Government of Turkey, Istanbul, 19 March 2009.

Interview. "Combattre la crise de l'eau, une urgence pour l'ONU", Le Monde. France. 11 March 2009. https://www.lemonde.fr/planete/article/2009/03/11/combattre-la-crise-de-l-eau-une-urgence-pour-l-onu_1166409_3244.html

Presentation. "Water and MDG Targets". European Union Round Table Event at Expo Zaragoza. Zaragoza, Spain. 24 July 2008.

Presentation. "Risk Management in World Water Development Report 3: Living with Change and Uncertainty" in Symposium on "Integrated approach to water-related disaster management". River Bureau, Ministry of Land, Infrastructure and Transport, Japan, and International Centre for Water Hazard and Risk Management (ICHARM). Beppu City, Japan. 2 December 2007. https://www.pwri.go.jp/icharm/news/news_e/apws1_e/d_presentations/03_wwap_olcay_unver.pdf and https://www.pwri.go.jp/icharm/news/news_e/d_openevent_program_e.html

Keynote speech. "Exploring regional and global options and constraints" in International Forum on "The Agriculture Water Variable in the Nile Basin: Mapping the Issues and Examining Prospects to 2030". Landau Network-Centro Volta (LNCV), FAO, Italian Development Cooperation – Italian Ministry of Foreign Affairs, and HYDROAID -Water for Development Management Institute. Como, Italy, 19-21 July 2007. https://www.fao.org/fileadmin/user_upload/faowater/docs/FAO-LNCVDraftAgenda.pdf

Panel speech. "Emerging Fronts in Energy, Environment, Food and Health, in Essentials for a Better World: Energy, Environment, Food and Health. Turkish American Scientists and Scholars Association Annual Conference. Yale University, New Haven. 24-25 March, 2007. http://www.tassausa.org/content/editor/file/2007/Conf2007_Catalog.pdf

Article. New Openings for Cooperation in the Euphrates-Tigris Basin ("Firat-Dicle Havzasında İşbirliği İçin Yeni Acilimler" (in Turkish), *Stratejik Analiz*, 32-44, 2006, (with A Kibaroglu).

Presentation. The present situation of water resources of countries in the Euphrates-Tigris River basin, *Expert Meeting on the Use of Japanese Experiences, Knowledge and Technology in the Euphrates-Tigris River Basin*, Japan Water Forum, 2006.

Presentation. Integrating Social Development, Environmental Sustainability and Economic Growth, *International Workshop on Regional Water Transfer within an Integrated Water Resources Management Perspective*, University of Kalmar, Royal Institute of Technology, and Stockholm International Water Institute, 2006.

Report. Water-Based Sustainable Integrated Regional Development in Reconstruction of Afghanistan and Iraq (report commissioned by *Global Strategy Institute, Center for Strategic and International Studies*, Washington, D.C.), 2005.

Keynote speech. "Development Issues in Southeastern Anatolia, Including GAP (the Southeastern Anatolia Project)". Cornell University, New York. 30 September 2005. <https://news.cornell.edu/stories/2005/10/panelist-discuss-sustainable-development-southeastern-anatolia>

Presentation. Water and Peace in the Middle East: A Regional Perspective, *The Fourth Biennial International Conference on Intercultural Research: Conflict, Negotiation and Mediation across Cultures*, International Academy for Intercultural Research, Kent, Ohio. 5-7 May 2005.

Guest speaker. The Tigris and Euphrates River Basins: A New Look at Development, *Future Watch*, Global Strategy Institute, Center for Strategic and International Studies, Washington, D.C., USA, 5 June 2005. https://csis-website-prod.s3.amazonaws.com/s3fs-public/legacy_files/files/media/csis/pubs/050602_gsifuturewatchtigriseuphrates.pdf

Presentation. Water for Food Security: Southeastern Anatolia Project-A Model for Integrated Development, *International Regional Symposium on "Water for Human Survival"*, International Water Resources Association and Central Board of Irrigation and Power of India, New Delhi, India, 2002.

Regional Development Based on Water Resources, invited Paper, *27th Hydraulic Conference on Water and Economy*, Hydrotechnique Society of France, Paris, France, 2002.

Toward a holistic approach to water management: lessons learned in the GAP Experience, *3rd International Symposium on Environmental Hydraulics (ISEH)*, Arizona State University, U.S.A., 2001.

World Water: Problems and Solutions, *1st National Irrigation Congress*, Irrigation Society of Turkey, Antalya, Turkey, 2001.

Southeastern Turkey: Sustainable Development and Foreign Investment, *OECD-China Conference on Foreign Direct Investment in China's Regional Development*, Xi'an, China, 2001.

Hydropower Development in an Underdeveloped Region: Sustainable Development in Southeastern Turkey, *Power Engineering Society Meeting*, Institute of Electrical and Electronics Engineers (IEEE), Vancouver, Canada, 2001.

Southeastern Anatolia Project. Workshop "American Experiences in Water Based Development". Southeastern Anatolia Project Regional Development Administration. Middle East Technical University, Ankara, Turkey. 11 - 13 January 2000. <https://academia.edu/resource/work/34292557>

Turkish Experience in Sustainable Regional Development, *Regional Issues, Water and Life for 21st Century*, 2nd World Water Forum, Hague, The Netherlands, 2000.

Interview. "Gestion de l'eau en Anatolie du Sud". Géopolis. Institut national de l'audiovisuel. 27 June 1999. <https://www.ina.fr/ina-eclair-actu/video/i13185734/gestion-de-l-eau-en-anatolie-du-sud>

Regional Socioeconomic Development and Water, *Averting a Water Crisis in the Middle East: Make Water a Medium of Cooperation rather than Conflict*, Green Cross International and UNESCO Joint Workshop, Paris, France, 1998.

Speech. Innovative Approaches in Integrated Sustainable Regional Development, *World Water: Financing for the Future*, International Herald Tribune Conference, Istanbul, Turkey, 1 October 1997.

Interview. "En haute mésopotamie, l'eau nourricière est de retour". L'Orient-Le Jour. 12 May 1997. https://www.lorientlejour.com/article/228762/En_haute_mesopotamie%2C_leau_nourriciere_est_de_retour.html

Presentation. Optimal Control Approaches for Sedimentation and Flood Control in Rivers, *Proceedings of Joint US/Korea Seminar on Reduction of Natural and Environmental Disasters in Water Environment*, Seoul, Korea, with C Carriaga and L W Mays, 1995.

Interview. "THINKING BIG : Politics : Ataturk Dam a Source of Power and of Conflict : Huge Turkish project shows how competition for water shapes Mideast". Los Angeles Times. 30 May 1995. <https://www.latimes.com/archives/la-xpm-1995-05-30-wr-7490-story.html>

Interview. "Les objectifs cachés du grand projet anatolien". Le Monde Diplomatique. October 1993 issue. <https://www.monde-diplomatique.fr/1993/10/CHESNOT/45689>

Article. Innovations in Water Resources Development in the Southeastern Anatolia Project (GAP) of Turkey, invited paper, in *Conference: Water as an Element of Cooperation and Development in*

the Middle East, Hacettepe University and Friedrich-Naumann Foundation of Germany, Ankara, Turkey, 1993.

Article. Land Use Planning and GAP, *4th Congress on Mapping*, invited paper, Chambers of Surveying Engineers of Turkey, in Turkish, Ankara Turkey, 1993.

Presentation. A Monte Carlo model for evaluation of medium-term reservoir operation, *American Water Resources Association, National Meeting*, Salt Lake City, Utah, U.S.A., 1987.

Presentation. Real-Time Flood Forecasting and Optimal Multireservoir Operation, with L W Mays, *International Association for Hydraulic Research, Annual Meeting*, Lausanne, Switzerland, 1987.

Presentation. Implementation and Overview of a Real-Time Flood Management Model for the Highland Lakes, *Proc. Symposium on Engineering Hydrology*, A.S.C.E., Williamsburg, Virginia, U.S.A., 1987 (with R Frithiof).

Presentation. Development and Calibration of a Real-Time Flood Forecasting and Management Model, *Proc. 1987 National Conference on Hydraulic Engineering*, A.S.C.E., Williamsburg, Virginia, U.S.A., 1987, (with L W Mays).

Presentation. Optimal Control Model for Real-Time Multireservoir Operation, *Joint National Meeting of The Institute of Management Sciences and Operations Research Society of America*, New Orleans, Louisiana, U.S.A., 1987.