

1. Family name: Tuncok

2. First and Middle names: Ismail Kaan

3. Date of birth: 14 March 1969

4. Nationalities: Turkish and USA

5. Civil status: Married

6. Education:

Institution (Date from - Date to)	Degrees obtained
Arizona State University (ASU), WP Carey School of Business, USA (1998 - 2000)	MBA
ASU, Civil, Environmental and Sustainable Engineering Department, USA (1992-1995) (specialized in natural resources optimization, planning and management)	PhD
Middle East Technical University (METU), Civil Engineering Department, Turkey (1990-1992) (specialized in water resources)	MSc
METU, Civil Engineering Department, Turkey (1986-1990)	BSc

7. Language skills:

Language	Reading	Speaking	Writing
English	excellent	excellent	excellent
Turkish	mother tongue		

8. Membership of professional bodies: Chamber of Civil Engineers-Turkey (1993-ongoing), International Water Resources Association, Registered Professional Engineer (PE)-Civil in the State of Arizona (1998-2019, reactivation to be initiated).

9. Key qualifications:

My professional career over 25 years allowed me to collaborate in various geographic and institutional settings to help deliver development solutions in coordination with a diverse range of partners and stakeholders.

I have a solid understanding of natural resources, climate change and environment in the context of policy initiatives with public/private Agencies, and water resources infrastructure projects with international Agencies (ADB, EC, EU-JRC, UNDP, UNFAO, WB, WWF and USTDA). I have spent 12 years (1992-2004) of my career in the USA for my PhD degree (1992-1995) and then to lead/participate large-scale infrastructure projects in natural resources, environment and water resources management in Arizona and California (1996-2004) with multinational engineering consulting companies (Tetra Tech, AMEC and AECOM) (Investment value: USD 450million).

I have been actively involved as the team leader/key expert in water resources planning/management, irrigation and drainage, water supply and sanitation projects (2007-ongoing) in consultation with international Agencies (ADB, EC, EU-JRC, UNDP, UNFAO, WB, WWF and USTDA). Some examples include;

- Enhanced Water Security Investment project in Indonesia with ADB (Investment value: USD 650million),
- Irrigation Modernization Evaluation in Egypt with UNFAO (Investment value: USD 100million), and
- Nile River Basin Decision Support System in ten stakeholder countries with NBI/WB (Investment value: USD 125million).

- Feasibility/optimal operations of the largest hydropower investment project in Africa, Grand Renaissance Dam (installed capacity 6000 MW), in Ethiopia and Sudan with ENTRO/WB (Investment value: USD 4.8billion).

10. Region/Country/Year of experience:

Region	Country	Year of Experience
Africa	Egypt	2017 (multiple visits during project execution)
	Rwanda	2017 (multiple visits during project execution)
	Kenya	2015 (visit during project execution)
	Nile River Basin	2011-2013 (multiple visits to Ethiopia during project execution and meetings with representatives of stakeholder countries from Egypt, Sudan, South Sudan, Ethiopia, Rwanda, Burundi, Uganda, Kenya, Tanzania and Congo)
	South Africa	2011-2012 (multiple visits during project execution)
Asia	Azerbaijan	2004-2007 (visit during project execution)
	India	2009-2011 (multiple visits during project execution)
	Central Asia Region	2013 and 2016 (meetings with representatives of stakeholder countries from Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan)
	Nepal	2018 (visit during project execution)
	Indonesia	2018-2019 (stay during project execution)
	Philippines	2018 (visit during project execution)
Europe	Turkey	2004 - Present
	Germany	2010 (visit during project feasibility)
	Netherlands	2009-2011 (multiple visits during project execution)
	Spain	2010-2011 (multiple visits during project execution)
	Bulgaria	2009-2010 (visit during project execution)
	Denmark	2009-2010 (multiple visits during project execution)
	Finland	2005 (visit during project execution)
	Bosnia & Herzegovina	2012 (visit during project execution)
	Northern Cyprus	2010 (visit during project execution)
North America	Arizona/California (USA)	1992 - 2004

11. Professional Experience:

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
July 2018 – December 2019	Team Leader	General Directorate of Water Resources and National Development Planning Agency / Indonesia	Asian Development Bank (ADB)	<p><u>Name of project:</u> Preparation of the Enhanced Water Security Investment Project in Indonesia</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led the team of national/international experts to prepare strategic water resources infrastructure investment projects in water supply and flood risk management with an investment value of USD 650 million in coordination with international/national partners, and public/private/community stakeholders. - Facilitated discussions with international partners (UNESCO-IHE, European Space Agency, International Fund for Agriculture Development), ADB technical assistance partners (TA-9634 REG: Strengthening Integrated Flood Risk Management, TA-9191 REG: Building Climate Resilience in Asia's Critical Infrastructure, TA-8858 INO: Strengthening Knowledge Sharing in Indonesia - Water Resources Sector Assessment and Priorities) and national partner agencies (Ministry of Public Works and Housing, National Development Planning Agency, and River Basin Organizations). - Led development of water supply projects by considering (i) source-to-tap approach at the river basin scale, (ii) improvements in erosion/sediment yield through upstream watershed protection measures, (iii) optimization in water storage, allocation, transmission, treatment and distribution processes and associated infrastructure components, (iv) impacts of climate change on existing/proposed water storage facilities and water safety planning approach to evaluate risks/vulnerabilities in the context of Climate Risk Management (CRM) and Climate Change Adaptation (CCA), (v) smart water applications to optimize proposed investments, (vi) reference settings for environmental and social conditions, and (vii) community level initiatives. - Led development of flood risk management projects by considering (i) disaster risk management approach at the river basin scale, (ii) flood extent, hazard and risk processes with numerical models in hydrology and hydraulics, (iii) nature-based solutions to optimize proposed structural/non-structural components, (iv) climate change to evaluate risks driven by flood events (increased peak, volume, frequency) in the context of CRM and CCA, (v) upstream watershed protection practices, and (vi) flood forecast and early warning technologies to enhance preparedness of communities and public/private agencies. - Provided guidance to the (i) economic/financial analyses/feasibility of project components, (ii) environmental surveys to ensure sustainability of ecosystem services, and (iii) social surveys to characterize communities and their willingness to implement proposed infrastructure measures. - Led meetings with public/private/community participants, who will lead implementation of master plans and detailed engineering designs of the proposed projects. - Led preparation of technical reports, guidance notes, feasibility studies and technical methodologies for water supply and flood risk management projects in the context of CCA and CRM.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
June 2018– November 2018	Water Resources and Irrigation Planning Expert	General Directorate of Irrigation/ Nepal	Gitech Consult / ADB	<p><u>Name of project:</u> Water Resources Project Preparatory Facility</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led evaluation of one of the largest irrigation development schemes administered by ADB in Nepal in coordination with national experts, and public/private participants. - Reviewed outcomes of planning and design studies to assess feasibility of availability/consumption of water resources in the irrigation sector in reference to climate change and public/community-scale initiatives. - Reviewed technical work packages including (i) hydrologic models, (ii) groundwater models, and (iii) irrigation development scenarios by considering local/regional constraints. - Reviewed soundness of approaches and processes for development of integrated numerical models (in characterization of surface water and groundwater). - Reviewed water allocation models by evaluating development options and associated demands by drinking-municipal-industrial-irrigation users and environmental flow requirements at the river basin scale. - Prepared technical review reports for each one of the work packages to document recommendations for enhancement.
March 2017 – November 2017	International Consultant	Ministry of Agriculture/ Egypt	UNFAO / World Bank (WB)	<p><u>Name of project:</u> Technical Audit of Farm-level Irrigation Modernization Project in Egypt</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked as part of the team of international and national experts to audit one of the largest irrigation modernization schemes in Egypt financed by the WB and audited by UNFAO in coordination with the Ministry of Agriculture of Egypt and the Project Management Unit (PMU). - Led development of metrics/indicators to structure a robust evaluation/due diligence framework on the performance of Contractors in delivery of electrical, mechanical and civil works by integrating resource efficiency driven approaches for the progress/outstanding tasks. - Prepared an assessment report for the implementation of Contractors in scope, schedule, budget and resource planning. - Participated in the preparation of final evaluation report, in coordination with national experts, PMU and Contractors to summarize findings of inspections and audits.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
February 2017 – March 2018	Team Leader	Izmir Sewage and Water Authority/ Turkey	SWECO / Izmir Sewage and Water Authority	<p><u>Name of project:</u> Flood Hazard and Flood Risk Assessment of the City of Izmir</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led the team of national experts to evaluate flood hazards/risks for the entire city of Izmir, which is the third largest city of Turkey with a population of approximately 4.5 million residents. - Worked in close coordination with the mapping and modelling teams (1-dimensional and 2-dimensional hydraulic models) to evaluate flood hazard/risk profile of Izmir. - Proposed alternative structural and non-structural measures to improve flood resilience of the City, including nature-based solutions in the context of sponge cities and berms with benefits. - Evaluated social, economic and demographic constraints and sensitivities to develop a customized road-map for implementation. - Discussed outcomes with the experts/managers of Izmir Sewage and Water Authority to prioritise structural/non-structural solutions. - Participated in preparation of technical reports and guidance notes.
March 2017 – December 2017	Climate Disaster Management Expert (Key Expert)	Disaster and Emergency Management Presidency of Turkey (AFAD) / Turkey	AFAD and ETI Consulting-Particip / European Commission (EC)	<p><u>Name of project:</u> Enhancing the Capacity to Determine and Reduce Disaster Risks Stemming from the Climate Change in Turkey</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked as part of the team of key experts to structure the framework for evaluation of impacts of climate change in disaster risk management in coordination with AFAD and public participants (Government Agencies and NGOs). - Conducted legislative and institutional gap analysis on disaster risk reduction, with a CCA and CRM perspective, by considering international agreements/policies, EU acquis and national policies. - Met with strategic government Agencies and NGOs to evaluate their roles and responsibilities in the context of existing regulations and legislations. - Performed SWOT analyses on technical, administrative and financial aspects to help stakeholders and participating government agencies evaluate their roles and responsibilities and associated gaps in the context of disaster and emergency management. - Prepared technical reports to document i) best examples of risk reduction in disaster risk management, and lessons learned and impact analysis driven by climate change and associated CCA/CRM processes.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
May 2017 – October 2017	International Water Resources expert	Ministry of Environment/ Rwanda	AURECON and Water 4 Life / WB	<p><u>Name of project:</u> Lake Victoria Environmental Management Plan</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked as part of the international experts to develop Environmental Management Plans for two river basins in Rwanda in coordination with national experts, and public/private/community participants. - Led development of river basin simulation/optimization numerical models. - Evaluated water supply and sectoral water consumption scenarios in the context of optimal water allocation plans by considering social, environmental, economic requirements, local/regional constraints, and provision of associated ecosystem services. - Met with government stakeholders in-charge-of national development plans related to infrastructure, environment, climate change and water resources to evaluate national policies and regulatory frameworks. - Participated in the regional workshops to meet with representatives of government agencies to evaluate site-specific constraints in water supply and sectoral water demand. - Supported development scenarios to meet national and regional development goals and targets. - Participated in preparation of technical reports, guidance notes and training documents.
April 2017 – August 2017	Water Resources expert	General Directorate of Water Management (GDWM)/ Turkey	WYG International / EC	<p><u>Name of project:</u> Water Ambassadors Education and Awareness Raising (EC-Technical Assistance)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the team of national experts to structure capacity building framework for the experts/managers of the Ministry of Agriculture and Forestry and the Ministry of Education. - Developed training programs to allow experts of the Ministry of Education understand the fundamental principles of Integrated Water Resources Management (IWRM) and associated extreme events (i.e., floods and droughts) in the context of EU Water Framework Directive (WFD), Flood Directive (FD) and Groundwater Directive (GWD). - Allowed participants acquire fundamental understanding and know-how required to develop customized training programs to be delivered to the elementary and secondary school students. - Participated in preparation of guidance notes and training documents.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
January 2017 – February 2018	Team Leader	GDWM / Turkey	GDWM and Yaslioglu Consulting / Ministry of Agriculture and Forestry (MAF)	<p><u>Name of project:</u> Sectoral Water Resources Allocation Plan in Akarcay River Basin</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led the team of national experts in agriculture, environment, industrial development, water resources management, hydrogeology to develop sectoral water allocation plan for one of the most vulnerable landlocked river basins in Turkey. - Led preparation of scope, schedule, budget and resource planning. - Evaluated water requirements in all sectors (domestic/municipal/industry, irrigation, livestock, environmental flow, tourism) in coordination with sector specialists. - Reviewed existing monitoring networks to evaluate representativeness of water quantity/quality in the basin. - Developed optimal water allocation model through simulation/optimization processes and integration of social, environmental and economic elements to ensure sustainability of ecosystem services. - Evaluated impacts of climate changes as documented by the IPCC (i.e., GCM/Reg CM and associated RCPs) to characterize historical/future conditions and to identify optimal mix of adaptation/mitigation measures by considering community driven actions. - Led implementation of training modules in coordination with national experts and Agencies. - Led preparation of technical reports and methodologies in the context of CCA and CRM.
January 2016 – August 2017	Ground-water Management expert (Key expert)	GDWM / Turkey	NIRAS / EC	<p><u>Name of project:</u> Capacity Building Support to Turkey on Groundwater Management (EC-Technical Assistance)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked as part of the team of key experts to implement key principles of EU WFD and GWD in two river basins in Turkey in coordination with national experts, and public/private/community participants. - Participated in identification of groundwater bodies, characterization of hydrogeologic conditions and evaluation of pressures and impacts as per EU WFD and GWD. - Participated in development of risk assessment plans for groundwater related activities to avoid the risk of not achieving WFD objectives. - Supported planning, development and implementation of monitoring program to identify groundwater quantity and quality as per threshold values defined in EU WFD and national guidance. - Supported planning, development and implementation of training programs to allow experts of government agencies understand technical tools and practices (i.e., GIS based DRASTIC approach to evaluate risks on the quantity of groundwater resources) for implementation of EU WFD and GWD.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
March 2016 – October 2016	Water Resources expert	GDWM / Turkey	GDWM and Louis Berger / EC	<p><u>Name of project:</u> Assessment of Drinking Water Resources and Treatment Plants in Turkey (EC-Technical Assistance)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with a team of EU experts to assess legal practices and regulations applicable to the water sector in EU and Turkey and to evaluate improvements in national policies and regulatory frameworks. - Participated in development of legal and institutional analysis report in the context of legislation in Turkey and the requirements of EU Drinking Water Directive. - Evaluated legislative issues including primary/secondary and procurement legislation for the utilities. - Reviewed legislation in force and non-conformant legislation in the context of EU directives. - Evaluated gaps in view of the EU accession. - Participated in stakeholders' analyses. - Reviewed international best practices in “source-to-tap management” to prepare guidance document.
June 2015 – June 2016	Team leader	GDWM / Turkey	GDWM and Alfar Project / MAF	<p><u>Name of project:</u> Sectoral Water resources Allocation Plan in Seyhan River Basin</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led the team of national experts in agriculture, environment, industrial development, water resources management, hydrogeology to develop sectoral water allocation plan for the largest river basin in the Eastern Mediterranean following the Nile River Basin. - Led preparation of scope, schedule, budget and resource planning. - Evaluated water requirements in all sectors (domestic/municipal/industry, irrigation, livestock, environmental flow, tourism) in coordination with sector specialists. - Reviewed existing monitoring networks to evaluate representativeness of water quantity/quality in the basin. - Developed optimal water allocation model through simulation/optimization processes and integration of social, environmental and economic elements to ensure sustainability of ecosystem services. - Evaluated impacts of climate changes as documented by the IPCC (i.e., GCM/Reg CM and associated RCPs) to characterize historical/future conditions and to identify optimal mix of adaptation/mitigation measures by considering community driven actions. - Led implementation of training modules in coordination with national experts and Agencies. - Led preparation of technical reports and methodologies in the context of CCA and CRM.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
March 2016 – October 2016	International Drought Management expert	UNFAO/ Turkey	UNFAO Subregional Office for Central Asia / UNFAO HQ	<p><u>Name of project:</u> Integrated water resources management in drought-prone and salt-affected agricultural production landscapes in Central Asia and Turkey (CACILM II)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with UNFAO team leader (currently FAO Country Representative in Tajikistan) and national experts from Beneficiary Countries (Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan and Turkey) to prepare reference document for the Global Environmental Facility (GEF) project, with applications in drought-prone and salt-affected agricultural production landscapes in Central Asia and Turkey in the context of CRM and drought risk management (DRM). - Led preparation of “upscaling of climate-smart agricultural practices in drought prone and/or salt affected production landscapes” component of the reference document. - Participated in the regional workshop to review major barriers and opportunities for Integrated Natural Resources Management (INRM) and Sustainable Land Management (SLM) in the Beneficiary Countries. - Reviewed political, strategic, institutional and legal bases for INRM/SLM in Beneficiary Countries. - Participated in identification of barriers to select national/regional strategies to scale up SLM. - Evaluated various aspects of CRM/DRM for the Beneficiary Countries by considering (i) drought monitoring and early warning systems, (ii) impact and vulnerability assessment, and (iii) drought risk reduction strategies. - Participated in the preparation of strategy report to develop joint strategy for the Beneficiary countries by addressing (i) drought management strategy, (ii) decision frameworks in drought mitigation, (iii) national drought management plans, and (iv) drought planning and risk management resources.
August 2016 – October 2016	Water Resources expert	General Directorate of State Hydraulics Works (GDSHW)/ Turkey	EU Joint Research Center (JRC)	<p><u>Name of project:</u> Preparation of the Country template for assessment of capacity for flood monitoring and early warning in Turkey</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with EU JRC team leader to formulate recommendations on the flood monitoring and early warning capacity of Turkey, as part of a joint report covering the enlargement and Eastern/Southern Neighborhood countries of the European Union. - Prepared Turkey's Country template in flood monitoring and early warning in the context of EU FD/WFD. - Evaluated implications of EU research and innovation policies/programmes set up by the 'Horizon 2020 Framework Programme Regulation No 1291/2013' and 'Horizon 2020 Specific Programme Decision 2013/743/EU' in the context of implications for Turkey.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
October 2014 – June 2015	Ground-water Expert (Key Expert)	GDWM/ Turkey	WYG / EC	<p><u>Name of project:</u> Training of Trainers on Implementation of Water Framework Directive and Preparation of River Basin Management Plan</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Participated in preparation of a strategic training program for the key government agencies in Turkey, in-charge-of water resources planning and management, in the context of EU GWD and WFD. - Participated in preparation of training manuals and guidance documents in coordination with EU experts in five modules including (i) River Basin Management Planning, Water Bodies, Typology, Classification; (ii) Water Budget, Pressures and Impacts, Significant Water Management Issues, Monitoring, Characterization Report; (iii) Environmental Objectives, Programme of Measures, Economic Analysis, Exemptions; (iv) River Basin Management Planning regarding Blueprint Document, Training Skills, Transboundary Issues, Public Consultations; and (v) Practicing all four modules in Gediz River Basin through stakeholder participation in a meeting with members of the River Basin Management Committee.
July 2014 – October 2015	Team leader	GDWM/ Turkey	GDWM and ES Project / MAF	<p><u>Name of project:</u> Akarcay Basin Drought Management Plan</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led the team of national experts with specialization in agriculture, environment, industrial development, water resources management, hydrogeology, hydrology to develop drought management plan in Akarcay Basin. - Led preparation of scope, schedule, budget and resource planning. - Led evaluation of hydrometeorological records and satellite imagery to identify spatial and temporal impacts of historical droughts. - Led consultation with local/regional stakeholders (irrigation associations, farmer trade unions, water/sewage administrations, drinking and wastewater treatment operators, government and private sector administrators, NGOs and universities) to develop IWRM strategies and to evaluate local constraints. - Led implementation of training modules in coordination with experts from universities and local Agencies. - Calculated drought indices, indicators and thresholds to evaluate vulnerabilities and risks on surface and groundwater resources in the context of CRM/DRM. - Reviewed existing/future crop patterns and irrigation practices to evaluate sustainable agricultural water management practices to ensure sustainability of ecosystem services. - Led preparation of technical reports and training materials in the context of CRM and DRM.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
November 2015 - December 2015	Senior Water Resources Management Specialist	UNFAO/ Kenya	UNFAO HQ	<p><u>Name of project:</u> Support to Agricultural Water Management in the Horn of Africa through the Partnership for Agricultural Water in Africa.</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with UNFAO Kenya office, strategic Ministries in Kenya (in-charge-of water resources and soil management), NGOs and CSOs. - Assessed irrigation agriculture by territorial agro-ecological zones. - Evaluated implementation of diversified crop portfolios through cash crops, climate smart agriculture and management schemes in energy/resource efficiency. - Reported on the policy and legal framework for water supply, water use and water allocation. - Reviewed implementation of the National Water Master Plan and evaluated possible limitations in terms of legislation, conflicts between users, lack of institutional framework and organization of stakeholders. - Prepared an overall assessment report for the irrigation master plan and investment framework in Kenya.
May 2013 - June 2015	Team Leader	GDSHW/ Turkey	Suis Project / GDSHW	<p><u>Name of project:</u> Master Plan of the Konya Basin</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Participated in the preparation of scope, schedule, budget and resources to develop water resources infrastructure investment plans in Konya basin. - Led integration of numerical models (in hydrology and hydrogeology) to develop optimal water allocation plan and to evaluate impacts on various sectoral users. - Led evaluation of water consumption characteristics by agricultural and non-agricultural (domestic, municipal, industry) users. - Identified potential sources of inter-basin transfers and sustainability of such schemes by considering provision of ecosystem services. - Identified pressures and impacts on surface- and ground-water systems and associated risks on ground-water resources. - Led evaluation of erosion in the watershed to evaluate impact on existing/proposed reservoir systems. - Led evaluation of flood risks, vulnerable communities and assets to provide recommendations in the context of structural and non-structural measures. - Participated in preparation of technical reports and training materials.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
August 2013- October 2013	Water Resources expert	GDWM/ Turkey	WB Turkey	<p><u>Name of project:</u> Water Allocation Policies and Practices in Turkey, an Institutional and Legal Framework Analysis on Water Management.</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the team of international experts to evaluate water allocation practices in France, Spain, Brazil and Mexico, and to develop detailed set of recommendations for Turkey. - Provided the Government agencies a structured framework in water resources allocation policies and practices. - Participated in evaluation of international best practices to establish legal, regulatory, technical and financial frameworks in water allocation policies and practices and preparation of the guidance document. - Evaluated alternative implementation practices for supply-side and demand-side stakeholders by considering provision of ecosystem services.
January 2013 – October 2013	National Team leader	Baskent EDAS/ Turkey	Actionable Strategies / USTDA	<p><u>Name of assignment or project:</u> Feasibility Study in Smart Grid Applications in power distribution</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the international experts (including Mr. Michael Pesin, who is currently Deputy Assistant Secretary for the Advanced Grid Research and Development Division in the U.S. Department of Energy's Office of Electricity) and national experts to structure the “smart-grid” roadmap for Baskent EDAS, which is one the largest utilities in Turkey operated by Enerjisa (JV between Sabanci Corporation and EON (leading utility company in Europe)). - Led preparation of three work packages including Economic/Financial Analysis, Regulatory Analysis, and Environmental impacts of smart grid applications and preparation of associated feasibility reports. - Participated in delivery of project components through collaboration with national/international experts, US technology vendors, OEMs, Baskent EDAS and Government Agencies (MENR, EMRA, ICTA). - Evaluated innovative technologies to enhance security, resilience and concepts for microgrids in the context of increased access to renewable energy resources and energy/resource efficiency.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
January 2013 - March 2013	National Consultant	UNFAO/ Turkey	UNFAO Subregional Office for Central Asia /UNFAO HQ	<p><u>Name of project:</u> Characterization of Drought and its Management in Central Asian countries and Turkey</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the UNFAO team in Turkey (headquarter for the operations in Central Asia) and representatives from the beneficiary Countries in Central Asia (Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan) to characterize drought conditions and management practices in the beneficiary Countries and Turkey. - Participated in characterization of drought and governments' policy on drought to evaluate and build adaptation/mitigation measures in the context of CRM and DRM. - Participated in review of national reports to develop a matrix highlighting areas of joint action between Turkey and the beneficiary Countries.
October 2012 – May 2013	International Water Resources Expert	Eastern Nile Technical Regional Office (ENTRO) / Ethiopia	ENTRO / WB	<p><u>Name of project:</u> Strategic Perspectives and Options Assessment of Blue Nile Multipurpose Cascade Hydropower Development</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the team of international experts to evaluate national hydropower development plans of Ethiopia along the Blue Nile system, including the largest hydropower system in Africa (2700MW mega-project of Grand Ethiopian Renaissance Dam) and associated impacts on the downstream Countries (Sudan and Egypt) in a transboundary setting. - Supported evaluation of main social, environmental and economic factors and risks, and capital investment programs associated with the development of Blue Nile storage cascade. - Developed a simulation/optimization model along the Blue Nile to assess alternative storage facilities, and associated infrastructure development options. - Assessed alternative reservoir filling strategies and operating rules utilizing a multi-criteria framework that reflected social, environmental and economic priorities by considering provision of ecosystem services. - Worked in coordination with experts/managers of the Eastern Nile Technical Regional Office to evaluate alternative scenarios in the context of local/regional constraints. - Participated in preparation of the technical feasibility report by considering social, environmental and economic conditions.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
October 2011 - December 2012	International Water Resources Management specialist	Nile Basin Initiative (NBI) / Ethiopia, and South Africa	NBI / WB	<p><u>Name of project:</u> Decision Support System of the Nile River Basin</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the team of international experts to implement the decision-support-system developed for evaluation of IWRM measures and infrastructure schemes (irrigation, water supply, flood management) along the entire Nile River Basin including all stakeholder countries (Egypt, Sudan, South Sudan, Ethiopia, Rwanda, Burundi, Uganda, Kenya, Tanzania and Congo) in a transboundary setting. - Led development of IWRM plans along the entire Nile River Basin. - Participated in consultation meetings and regional workshops with representatives from stakeholder countries to develop infrastructure investment plans. - Supported preparation and implementation of training programs in numerical modelling of water resources (hydrology and hydraulics). - Participated in the preparation of technical reports and training materials.
September 2012- October 2012	Flood Management Expert	Ministry of Public Works/ Bosnia & Herzegovina	COWI / EC	<p><u>Name of project:</u> Flood Risk Management in the Republic of Serbia</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Assessed preparation and implementation of flood risk maps in-line with the guidelines of EU FD in the scope of "Infrastructure Projects Facility – Technical Assistance Window" in the Western Balkans. - Prepared the terms of reference for the sound implementation of project activities based on the logical framework approach.
November 2011 - December 2011	National Expert	GDWM/ Turkey	UNDP	<p><u>Name of project:</u> Carrying out an Assessment on Flood Disasters Procedures in Turkey</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with UNDP managers and government institutions to assess technical, legislative and institutional frameworks in flood planning and management. - Evaluated financing mechanisms through SWOT Analysis. - Identified roles and responsibilities of key institutions in flood planning and management. - Determined adaptation capacity of these institutions as per EU FD. - Developed recommendations to the local government agencies in meetings and workshops.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
September 2011 - December 2011	Team Leader	Ministry of Environment and Urbanization (MEU) / Turkey	MEU / Government of Turkey	<p><u>Name of project:</u> Needs Assessment at Regional and Sectoral scales to identify Climate Change adaptation structure, processes and policies in Turkey</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the experts and managers of key government Agencies (MEU, MAF) in-charge-of climate change adaptation/mitigation policies. - Developed technical specification to support project initiatives within development priorities of Turkey to increase robustness of infrastructure designs and long-term investments in the context of CRM and CCA.
June 2011 - October 2011	National Expert	GDWM/ Turkey	WWF Turkey	<p><u>Name of project:</u> Buyuk Menderes River Basin Characterization</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked in coordination with WWF-Turkey experts, managers and representatives of government institutions to develop river basin characterization report for the Buyuk Menderes river basin, as per EU WFD guidance. - Identified main water bodies, river typology and hydromorphological conditions. - Reviewed the principles and techniques used to collect, treat and allocate water resources. - Reviewed monitoring and assessment mechanisms to evaluate hydromorphological pressures along the river basin system.
September 2011 - December 2011	National Expert - Water Resources	MEU / Turkey	UNDP / Government of Turkey	<p><u>Name of project:</u> Enabling Activities for the Preparation of Turkey's Second National Communication (SNC) to the UNFCCC</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with the experts and representatives of government Agencies in-charge-of climate change adaptation and mitigation policies and project initiatives. - Contributed to the development of a structured framework to evaluate Turkey's initiatives in climate change adaptation/mitigation policies in coordination with stakeholders, and sectoral participants in the fields of climate change, disaster risk management, water resources management, agricultural development, ecology, urbanization, and coastal development in the context of CRM and CCA. - Participated in development of the final report to define Turkey's Climate Change road map for adaptation and mitigation processes and policies. - Documented key outcomes in Turkey's SNC report and presented to the public/private/community stakeholders in a national meeting.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
March 2011 - December 2011	Team Leader	Ministries/ Turkey	UNFAO Subregional Office for Central Asia / UNDP	<p><u>Name of project:</u> Enhancing Technical Capacity of Turkey to Adapt to Climate Change</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Worked with UNFAO experts, international institutions and representatives of key stakeholders (government institutions, international organizations, universities, non-governmental and research organizations) to enhance Turkey's technical capacity in climate change in the context of CRM and CCA. - Developed a customized training program by reflecting specific needs of respective government agencies. - Led preparation and implementation of training modules in (i) climate change with the World Meteorological Organization, (ii) drought risk management with the National Drought Mitigation Center - University of Nebraska, (iii) agricultural adaptation/mitigation practices with experts from EU, and (iv) flood forecasting and early warning systems with experts from the Middle East Technical and Istanbul Technical Universities.
November 2010 – December 2011	Consultant	Calik Energy/ India, Spain, Turkey	Calik Energy	<p><u>Name of project:</u> 400 MW Combined Cycle Power Plant (CCPP)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Acted as the representative of Kirloskar Brothers Limited (KBL-one of the largest manufacturers in India). - Worked in coordination with Calik Energy (one of the largest EPC Contractors in Turkey and EPC Contractor of the CCPP), Initec of Spain (one of the largest design consultants in Spain and design subcontractor of the EPCC) and KBL (manufacturer of electro-mechanical components of the CCPP). - Supported planning, execution and scheduling of manufacturing large-scale electro-mechanical components for the CCPP in Navoi/Uzbekistan with site visits to the manufacturing facilities of KBL.
June 2009 - July 2010	Consultant	ENKA/ India and Turkey	ENKA	<p><u>Name of project:</u> 411 MW Combined Cycle Power Plant (CCPP)</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Acted as the representative of KBL. - Worked in coordination with ENKA (one of the largest EPC Contractors in Turkey and EPC Contractor of the CCPP) and KBL (manufacturer of electro-mechanical components of the CCPP). - Supported planning, execution and scheduling of manufacturing large-scale electro-mechanical components for the CCPP in Yajwa/Russia.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
July 2010 - August 2010	Hydrologist	Ministry of Environment/ Northern Cyprus	Niras / EC	<p><u>Name of project:</u> Management and protection of potential NATURA 2000 sites in the northern part of Cyprus</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Evaluated water resources (quantity and quality) in an integrated manner with surface- and ground-water bodies, wetlands, and coastal water resources, as per EU WFD guidelines by considering sustainability of ecosystem services. - Evaluated pressures on water quality to identify main sources of pollution, which threaten sustainable use of water resources driven by (i) inadequate management of protected areas and solid waste sites, (ii) salt water intrusion and increased soil salinity, (iii) overexploitation and contamination of surface- and ground-water, and (iv) insufficient wastewater infrastructure and water retention within Famagusta wetland system. - Prepared the final assessment report in coordination with national/international experts.
July 2010	Evaluation Expert	Dicle Development Agency /Turkey	Dicle Development Agency / EC	<p><u>Name of project:</u> Due diligence of Water Infrastructure Project Investment Plans</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Participated in due-diligence of water infrastructure projects to be funded by EC through Dicle Development Agency with a focus on water/wastewater infrastructure (distribution and storage facilities and wastewater treatment systems). - Developed an evaluation matrix including social, environmental and financial components and associated SWOT analysis to undertake screening/due-diligence of proposed projects.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
September 2009 - December 2010	Team leader	GDSHW / Turkey	GDSHW / UNDP	<p><u>Name of project:</u> Identification of Surface Water Resources Potential and Flood Risks within the perspective of developing Water Resources Management Policies in Seyhan Basin within the framework of Adaptation to Climate Change</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led preparation of scope, schedule, budget and resource planning of a strategic project administered by the UNDP-Turkey through the Millennium Development Goals program. - Led development of numerical models in river basin management. - Analyzed historical hydrometeorological data sets for calibration and validation of numerical models. - Reviewed hydrometric measurements to improve representativeness of data sets. - Identified impacts of climate change on surface water resources. - Formulated water resources management scenarios as part of adaptation to climate change at the river basin scale in the context of CRM and CCA. - Supported development of a framework for the flood management and early warning system in the basin. - Led preparation and implementation of training courses to ensure sustainable use of project outcomes. - Participated in the regional workshops.
March 2009 - December 2010	Team Leader	General Directorate of Agricultural Research Policy / Turkey	General Directorate of Agricultural Research Policy / MAF	<p><u>Name of project:</u> Use of Numerical Modelling in Agricultural Basins Administered by Soil and Water Resources Research Institutes</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led preparation of scope, schedule, budget and resource planning. - Led review of historical monitoring activities to characterize hydrologic and morphologic conditions in the agricultural basins, as administered by 11 Water and Soil Research institutes in Turkey. - Initiated development of hydrologic models in coordination with experts from each one of the Water and Soil Research institutes. - Led implementation of sensitivity analysis, development of scenarios and calibration/validation of hydrologic models using historical data sets as monitored by the experts of Water and Soil Research institutes. - Led preparation and implementation of training program in coordination with the managers of the Water and Soil Research institutes. - Led preparation hydrologic analysis reports in each one of the agricultural basins.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
September 2009 - October 2010	Team Leader	GDWM/ Turkey	WWF Turkey	<p><u>Name of project:</u> Turkey's Future Agenda in Integrated Water Resources Management</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led preparation of scope, schedule, budget and resource planning. - Evaluated hydrometeorological impacts of climate change in Turkey and identification of critical zones within Konya basin in coordination with numerical modelling experts in climate change in the context of CRM and CCA. - Analyzed impacts of climate change and agricultural crop patterns on IWRM strategies through use of river basin simulation/optimization modelling framework. - Participated in characterization of pressures and impacts, groundwater risk assessment and determination of groundwater protected areas in coordination with the expert in hydrogeology and groundwater. - Evaluated improvements in agricultural water management practices through use of i) more efficient irrigation technologies, ii) climate/soil sensitive crop patterns, and ii) re-use of irrigation return flows in coordination with the expert in agriculture practices. - Led preparation of technical reports and guidance documents.
September 2009 - December 2009	National Consultant	MAF / Turkey	UNFAO Subregional Office for Central Asia / MAF	<p><u>Name of project:</u> Enhancing Technical Capacity of Turkey to adapt to Climate Change</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Organized consultative meetings with the Early Warning and Forecasting Committee (EWFC) and Risk Management Committee (RMC) of MAF, which operate as part of the Turkish Agricultural Drought Management Plan, to assess their technical capacity and to evaluate training needs. - Reviewed administrative and technical structure of EWFC and RMC. - Performed SWOT analysis of EWFC and RMC for technical capacity in data screening, evaluation and assessment. - Evaluated economic and social impacts of the decisions of EWFC and RMC. - Performed SWOT analysis on various aspects of drought risk reduction as implemented by the EWFC and RMC including i) coordination between committees, ii) funding and budgeting, iii) human resource capacities, and iv) legal framework. - Prepared the final assessment report.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
October 2008 - October 2010	Team Leader	GDSHW/ Turkey and Bulgaria	Danish Hydraulic Institute / EC	<p><u>Name of project:</u> Capacity Improvement for Flood Forecasting and Flood Control in Turkey-Bulgaria Cross-Boundary-Cooperation Region</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led preparation of scope, schedule, budget and resource planning. - Led development of flood forecasting and early warning system for one of the largest transboundary river basins in east Europe, Maritza-Tundja-Arda (drainage area of 60,000 km²), in coordination with national/international experts, public/private/community partners and stakeholders including regional and central bodies of GDSHW and National Institute of Meteorology and Hydrology of Bulgaria in a transboundary setting. - Led collection and review of hydrometric measurements in Bulgaria and Turkey to evaluate climatic, hydrologic, hydraulic and morphologic characteristics along the river basin system. - Led preparation and implementation of training modules at various locations in Turkey and Bulgaria to enhance cooperation between partner organizations and to ensure sustainable use of project outcomes. - Led development of a real-time decision support system to i) monitor gage network on a real-time basis, ii) assess status of flood risk along the entire river basin, and iii) implement adaptation and mitigation measures by the public/private/community participants.
March 2008- December 2008	Team Leader	GDWM/ Turkey	GDWM / MAF	<p><u>Name of project:</u> Basin Protection Action Plans</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led due-diligence of water/wastewater infrastructure investment plans to implement water/wastewater infrastructure projects in environmentally sensitive river basins in Turkey (Van Lake, Akarcay and Meric-Ergene). - Led development of infrastructure investment plans in coordination with public/private/community stakeholders. - Participated in site visits to meet stakeholders and to identify site-specific pressures and constraints. - Evaluated implementation of structural/non-structural measures in coordination with Municipalities and water/sewage administrations. - Presented key findings to the Administrators of MAF (Minister, Undersecretary and Director General).

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
March 2005-September 2007	Ceyhan Marine Terminal (CMT) Site Manager	Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project Directorate/ Turkey	Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project Directorate	<p><u>Name of project:</u> Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Managed completion, commissioning and final handover activities at CMT, the main export terminal of 1,076 km pipeline, in partnership with the owner (BP and SOCAR), international Vendors and public/private/community participants with an investment value of USD 300 million. - Led the team of technical and administrative (financial management, procurement, scheduling and project administration) experts. - Established progress monitoring tools in coordination with project control department. - Led activities of procurement and administration departments. - Participated in system tests to remotely control all electro-mechanical features (mainly pumps and valves) along the Turkish section of the pipeline to enhance security and resilience of the strategic components.
April 2004 - January 2006	Training Director	Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project Directorate/ Turkey	Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project Directorate	<p><u>Name of project:</u> Baku-Tbilisi-Ceyhan Crude Oil Pipeline Project</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Developed an operational training program for operators, maintenance engineers and technicians of the Operator Company (BIL) to support completion, commissioning and ongoing operation/maintenance activities. - Implemented the program in partnership with the Owner, Owner's representative (BTC Co.), Operator (BIL), international Vendors and EPC Contractors. - Led delivery of technical and on-the-job training modules, which were executed at the manufacturing facilities of international Vendors in Europe and USA.
July 2003 - April 2004	Project Manager	City of Phoenix/ USA	AMEC / City of Phoenix	<p><u>Name of project:</u> City of Phoenix Drought Action Plan</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Developed the proposal for drought action plan of the City of Phoenix to outline key action items, deliverables, and cost structures. - Participated in development of project budget and schedule. - Provided guidance in preparation of the concepts for water acquisition, water management and infrastructure measures required to ensure sustainable use of water resources by domestic-municipal-industry users in existing and future conditions.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
October 2000 - June 2003	Senior Water Resources Engineer	Arizona Department of Transportation (ADOT) / USA	DMJM+ HARRIS (subsidiary of AECOM) / ADOT	<p><u>Name of project:</u> Red Mountain Freeway and Infrastructure</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Played key role in the hydro-design and development of numerical models and optimization techniques to analyze impacts of proposed infrastructure facilities in one of the largest urban infrastructure projects implemented by ADOT. - Evaluated the balance between structural/non-structural components to support development of a financially and socio-economically optimized infrastructure investment project. - Led development of an innovative approach to adapt USGS TR-55 methodology in calculation of time of concentration for the probable maximum flood conditions and presented key findings in a national conference by the Association of State Dam Safety Officials. - Managed development and production of key deliverables in-line with ISO 9001 standards.
June 1998 - September 2000	Water Resources Engineer	City of Phoenix/ USA	Stanley Consultants / City of Phoenix	<p><u>Name of project:</u> South Mountain Water Distribution Facilities for the City of Phoenix</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led assessments of environmental impacts along a major water infrastructure system. - Evaluated environmentally sensitive areas along the project route to ensure sustainability of ecosystem services. - Developed associated mitigation measures.
March 1996 - May 1998	Water Resources Engineer	Flood Control District of Maricopa County (FCDMC) / USA	Simons Li & Assoc. (subsidiary of Tetra Tech) / FCDMC	<p><u>Name of project:</u> Levee Design in the Agua Fria River System</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> - Led assessment of hydromorphological, hydraulic and environmental conditions. - Participated in engineering analysis along the Agua Fria watershed system. - Developed hydraulic and sediment transport models. - Contributed to the Letter of Map Revision packages in accordance with the Federal Emergency Management Agency regulations to develop structural and non-structural flood mitigation measures. - Contributed to the evaluation of alternative engineering practices for the flood control management system.

Date from - Date to	Position Title	Beneficiary/ Country of Employment	Employer / Finance	Services Performed
December 1995 - December 1998	Adjunct Faculty	Arizona State University/ USA	Civil and Env. Engineering Dep. at Arizona State University	<u>Name of assignment or project:</u> Teaching graduate level courses <u>Activities performed:</u> Led preparation and delivery of graduate level courses on the following topics: - Economic, social and engineering interaction in water resources infrastructure development projects. - Theory and application of numerical methods in hydrology, hydraulics and sediment transport for design and operation of dams, water conveyance structures and flood control facilities. - Analysis and optimal design of water conveyance and storage structures.
December 1994 - December 1995	Teaching Associate	Arizona State University/ USA	Civil and Env. Engineering Dep. at Arizona State University	<u>Name of project:</u> Teaching undergraduate and graduate level courses <u>Activities performed:</u> Led preparation and delivery of graduate/undergraduate level courses on the following topics: - Principles of Hydrology, Hydraulics and Sediment Transport. - Water Conveyance systems and numerical modelling.
August 1992 - December 1994	Research Associate	Arizona State University/ USA	Civil and Env. Engineering Dep. of Arizona State University	<u>Name of project:</u> Research and Development activities <u>Activities performed:</u> - One of the leading participants in a large-scale research grant by the National Science Foundation. - Developed an optimization model to minimize freshwater inflows into one of the largest estuary systems in the Gulf of Mexico. - Identified optimal release policies from a large-scale reservoir system by considering technical, social and environmental constraints. - Participated in the development of alternative operational and optimization models with research colleagues and participants.

12. Publications:

- Tuncok, I. K., “Community Driven Risk Management to Address Water Security Under Competing Demands”, Internal Workshop on ‘Managing, on the National Level, Water Scarcity Resulting from Conflicting Demands’, International Commission on Irrigation and Drainage (ICID), Bali-Indonesia (September 2019).
- Vasileios Markantonis, Reynaud Arnaud, Armagan Karabulut, Rana El Hajj, Dogan Altinbilek, Ibrahim Awad, Adrianna Brugemann, Constantianos Vangelis, Jaroslav Mysiak, Nicola Lamaddalena, Mohamed Salah Matoussi, Henrique Monteiro, Alberto Pistocchi, Ugo Pretato, Naser Tahboub, Ismail Kaan Tuncok, Olcay Unver, Remco Van Ek, Barbara Willaarts, Bulent Sonmez, Zakir Turan, Giovanni Bidoglio, “Can the implementation of the Water-Energy-Food Nexus support economic growth in the Mediterranean region? The current status and the way forward”, *Frontiers in Environmental Science*, section Freshwater Science (2019).
- Skøien, J., Salamon, P., Alagic, E., Alobeiaat, A., Andreenko, A., Bari, D., Ciobanu, N., Doroshenko, V., El-Ashmawy, F., Givati, A., Kastrati, B., Kordzakhia, M., Petrosyan, Z., Spalevic, M., Stojov, V., Tuncok, K., Verdiyev, A., Vladikovic, D. and Zaimi, K., “Assessment of the capacity for flood monitoring and early warning in Enlargement and Eastern/Southern Neighbourhood countries of the European Union“, Publications Office of the European Union, Luxembourg (2018).
- Tuncok, I. K, and S. Eslamian, “Drought Management Strategies in Water Stressed/Scarce Regions”, Chapter 15, *Handbook of Drought and Water Scarcity*, Taylor and Francis, USA (2017).
- Food and Agriculture Organization of the United Nations (FAO), “Drought characteristics and management in Central Asia and Turkey”, FAO Water Report No. 44 (2017): *lead author in drought characterization, vulnerability, impact, policy and institutional arrangements, challenges and recommendations in Turkey*.
- Tuncok, I. K., “Drought Planning and Management: Experience in Seyhan River Basin, Turkey”, *Water Policy*, 18, 177–209 (2016).
- Tuncok, I. K. “Transboundary River Basin Flood Forecasting and Early Warning System: Experience of Maritza River Basin between Bulgaria and Turkey”, *Water Hazards* (2014).
- Selek, B., and I.K. Tuncok, “Effects of Climate Change on Surface Water Management of Seyhan Basin, Turkey”, *Journal of Environmental and Ecological Statistics* (2013).
- Tuncok, I. K., “Impacts, Vulnerability and Adaptation on Water Resources. Enabling Activities for the Preparation of Turkey’s Second National Communication to the UNFCCC”, UNDP, Turkey (2011).
- Seffer, J., Yalinca, G.K., Fuller, W. J., Tuncok, I. K., Sefferova Stanova, V., Ozden, O, and Eroglu, G., Management plan for Famagusta Wetlands SEPA. Project Europe Aid/125695/C/SER/CY/7, Technical assistance for management and protection of potential Natura 2000 sites in the northern part of Cyprus, pp 50 (2011).
- Selek, B., Tuncok, I. K., Dalfes, N. and Sen, O. L., “Identification of Surface Water Resources Potential and Flood Risks within the perspective of developing Water Resources Management Policies in Seyhan Basin within the framework of Adaptation to Climate Change. Final Report, UN Joint Programme on Enhancing the Capacity of Turkey to Adapt to Climate Change”, Adana, Turkey (2010).
- Tuncok, I. K., G. Jorgensen, M. Veverka, S. Malkarali, and M. Korkmaz, “Evaluation of Historical Floods in Maritza, Tundja and Arda River Systems within the framework of Maritza River Basin Flood Forecasting and Early Warning System”, 2nd National Flood Symposium, Edirne (2010).

- Tuncok, I. K., Kirmizitas, H. and Gulcubuk, B. “Evaluation of the impacts of Climate Change on Konya Closed Basin and Eastern Mediterranean Basins”. Final Report of Turkey’s Future Agenda Project, WWF-Turkey, Konya (2009).
- Larsen, P.T., and I. K. Tuncok, “A New Approach to Dam Break Modelling-MIKE 21”, 2nd National Dam Safety Symposium, Eskisehir (2009).
- Tuncok, K., and Yildirak, K., Report: MDGF 1680 FAO: Activity 2.1.2 Drought early warning and Drought Risk assessment Committee Report (2009).
- Selek, B., I.K. Tuncok, and S. Ercan, “Evaluation of Seyhan River Basin with Existing and Planned Irrigation Projects”, Irrigation and Drainage Conference, General Directorate of State Hydraulics Works VIth Region, Adana (2008).
- Refsgaard A., and I. K. Tuncok, “Groundwater Management in Denmark – Protection of Water Resources”, IAHR International Groundwater Symposium, Istanbul (2008).
- Tuncok, I. K., “Dam Operations within an Integrated Basin Management Framework”, 2nd Water Policy Conference, Turkish Chamber of Civil Engineers, Ankara (2008).
- Tuncok, I. K., “Use of GIS based Modelling in Flood Planning”, 5th National Hydrology Conference, METU, Ankara (2007).
- Tuncok, I. K., “Reservoir Operations within Integrated Water resources Management Framework”, 3th National Water resources Symposium, DSI, Izmir (2007).
- Tuncok, I. K., and J. R. Minch, “Time of Concentration - A Modification of TR-55 Methodology for the Design of Small Dams”, presented in the Association of State Dam Safety Officials West Region Conference, Oklahoma City, Oklahoma (2003).
- Carriaga, C., and I. K., Tuncok, “Design for Erosion and Sediment Control”, Stormwater Drainage Systems Design Handbook (Chapter 17), McGraw-Hill (2001).
- Carriaga, C., I. K. Tuncok, and L. W. Mays, “Optimization Modeling in the Design of Stable Channel Reach System”, Joint Conference on Water resources Engineering and Water resources Planning and Management, ASCE, Minneapolis, Minnesota (2000).
- Tuncok, I. K., and L. W. Mays, “Feedback Method of Control for Estuary Management”, Water resources Management, 13(5), 315-334 (1999).
- Tuncok, I. K., and L.W. Mays, “Hydraulic Design of Culverts and Highway Structures”, Hydraulic Design Handbook (Chapter 15), McGraw-Hill (1999).
- Tuncok, I. K., L. W. Mays, and J. Briscoe, “Water resources Management in Developing Countries and the Role of World Bank”, 29th Annual Water resources Planning and Management Conference, ASCE, Tempe, Arizona (1999).
- Tokyay, N., and Tuncok, I. K., “Discharge and Critical Depth in Compound Channels”, Advances in Civil Engineering, 1st Technical Congress, 2, 788-796, North Cyprus (1993).