

ALI DEHGHAN SAAE

International Economic Law | Climate Governance | Regulatory Pluralism

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RESEARCH PROFILE

Interdisciplinary researcher at the intersection of international economic law, climate governance, and regulatory pluralism. Current work develops the concept of climate-conditioned economic governance (CCEG) and examines how climate criteria increasingly shape market access, carbon costs, regulatory recognition, and public economic support. The research programme links WTO non-discrimination, regulatory equivalence, climate justice, climate federalism, and carbon-border regulation, drawing on a background in law, economics, energy engineering, and more than two decades of professional experience in the oil and gas sector.

CURRENT RESEARCH	METHODS	ENERGY EXPERIENCE
CCEG; WTO law; carbon borders; equivalence	Doctrinal; comparative; regulatory analysis	Project engineering, management and offshore operations

RESEARCH INTERESTS

International Economic Law | WTO Law | Climate Governance | Carbon Border Measures | Regulatory Equivalence | Climate Justice | Regulatory Pluralism | Climate Federalism

CURRENT MANUSCRIPTS & RESEARCH PAPERS

- 1. Climate-Conditioned Economic Governance: Reconfiguring Openness in Global Environmental Governance**
Global Environmental Politics - Under review
- 2. Climate-Conditioned Economic Governance: A Comparative Framework for Regulatory Legitimacy**
Regulation & Governance - Under review
- 3. Equal Rules, Unequal Burdens: Differentiation without Discrimination in Carbon Border Measures**
World Trade Review - Under review | with Mansour Pournouri
- 4. Climate Federalism as Regulatory Pluralism: Minimum Standards, Equivalence and Economic Governance in Canada**
Journal of Environmental Law - Under review
- 5. From EU CBAM to UK CBAM: Regulatory Convergence, Divergence and the Emerging Law of Carbon Borders**
Work in progress

EDUCATION

LLM in International Trade Law Islamic Azad University, Central Tehran Branch GPA: 18.06/20 Thesis defence: 19.75/20 Thesis: Legal and Systemic Implications of EU CBAM for the International Trade Law System Supervisor: Dr Mansour Pournouri	2026
LLB Islamic Azad University, Urmia Branch GPA: 18.28/20	2024
MSc Gas Engineering and Management University of Salford, United Kingdom With Merit Overall average: 69.50 Dissertation: 79/100 Behaviour of Solid Particle Erosion in Unequal Pipe Bends (CFD-based)	2018
MA Economics Islamic Azad University, Tabriz Branch Thesis: Fuzzy-stochastic mean-variance portfolio selection	2014
BSc Chemical Engineering Amirkabir University of Technology (Tehran Polytechnic) Petrochemical Industries GPA: 14.11/20	2003

RESEARCH APPROACH & METHODS

- Doctrinal WTO/GATT analysis, treaty interpretation, and dispute-settlement jurisprudence, including GATT Article XX.
- Systemic integration under VCLT Article 31(3)(c) and comparative legal/regulatory analysis across jurisdictions.
- Structured literature review, coding protocols, case matrices, and multi-dimensional legitimacy frameworks.
- Interdisciplinary integration of law, economics, energy systems, engineering, and institutional design.

SELECTED EARLIER PEER-REVIEWED ENGINEERING PUBLICATIONS

Study of intensification of the heat transfer in helically coiled tube heat exchangers via coiled wire inserts. International Journal of Thermal Sciences (2019).

Study of the heat transfer characteristics and entropy generation rate for the reacting flows inside tubes. Applied Thermal Engineering (2019).

A comprehensive review on natural convection flow and heat transfer: The most practical geometries for engineering applications. International Journal of Numerical Methods for Heat & Fluid Flow (2019).

Lattice Boltzmann simulation for hydrothermal analysis of free convection within dumbbell-shaped heat exchanger. Chinese Journal of Physics (2018).

ANFIS based evolutionary concept for estimating nucleate pool boiling heat transfer of refrigerant-ester oil containing nanoparticles. International Journal of Refrigeration (2018).

Double-MRT lattice Boltzmann simulation of natural convection in a C-shaped heat exchanger. Powder Technology (2018).

PROFESSIONAL EXPERIENCE

Superintendent <i>Iranian Offshore Oil Company (IOOC) Tehran, Iran</i>	Apr 2023-Present
Operational and supervisory responsibilities in offshore oil and gas, including project coordination, technical oversight, and cross-functional delivery.	
Project Manager <i>National Iranian Gas Company (NIGC) Iran</i>	Jan 2009-Apr 2023
Managed gas-sector projects across engineering, implementation, contractor interfaces, and organisational stakeholders.	
Project Engineer <i>National Iranian Gas Company (NIGC) Iran</i>	Nov 2005-Jan 2009
Engineering and project-delivery responsibilities in the gas sector.	

CORE DOCTRINAL & COMPARATIVE FOCUS

WTO/GATT non-discrimination; GATT Articles I, II, III and XX; environmental exceptions; CBAM and EU ETS interaction; regulatory equivalence; differentiated fairness; climate federalism; regulatory pluralism; EU/UK carbon-border comparison; Canadian adequacy, equivalence and substitution mechanisms.