

**The Board of the
HELLENIC ASSOCIATION OF REGIONAL
SCIENTISTS H.A.R.S. - 2025**

[H.A.R.S. is a Think Tank of groups of people with multidisciplinary work in the fields of Regional Science, which occurs with the selfless contribution of participants who offer their work to the global scientific community]

**President and Chair,
Journals Management Committee
(RSI)**

Professor Christos Ap. Ladias

Legal Committee

Georgios-Stavros Kourtis, President of the Bod of the Panteion University, Honorary President of the Court of Audit, Professor Sophia Adam, Professor Panagiotis Kribas, Dr Angelika Kallia, Dr Evaggelos Mallios, Fotios Makris, Ioannis Kourtis, Sophia Kouti

Advisors

Professor Georgios Korres, Dr Apostolos Parpairis, Dr Nikolaos Chasanagas, Dr Sotirios Milonitis, Esaías Papaioannou, Dimitrios Kouzas, Dr Athina Bayba-Wallace, Antigoni Prapa, Olga Mporonilo, Sophia Aftousmi, Andreas Papaderos, Nikiforos Chatzigakis, Gerasimos Gavranidis, Giota Theiakou

Chief Executive

Vilelmini Psarrianou

Conference Co-ordinator

Dr Stylianos Alexiadis

International Relations Coordinators

Dr Dr Aikaterini Kokkinou, Antonia Obaidou

Assistant Professor Dimitrios Tsiotas

Students Observer

Eleonora Stavrakaki, Irene Nomikou, Christina Triantafyllou, Loukia Deliveloti, Georgios Roussaris, Irene Tzola

Website Administrators

Dimitrios Kouzas, Vilelmini Psarrianou, Apostolos Ladias

Secretariat

Dr Chrisa Balomenou, Chrisoula Kouza, Victor Atoun, Iosif Atoun, Maria Rigaki, Konstantina Mantzavinou, Konstantina Georgiou, Nikolaos Alampanos, Elektra Katsiantoni, Dora Kyriazopoulou, Anna Maria Giallousi De Boorder, Eleni Koursari, Eleni Hinopoulou, Aggeliki Koursari, Elena Stoumara, Dimitrios Ladias, Maria Oikonomou, Socratis Chitas, Maria Karagianni, Nikolaos Motsios, Apostolos Tsapalas, Victoria Frizi, Leonardos Tsaousis, Apostolos Ladias, Vasiliki Petrou, Nikoleta Yiesil, Kyriakos Katsaros, Filippos Rountzos, Katerina Kotsiopoulos, Nilos Kotsiopoulos, Dimitra Tsetsoni, Maria Kousantaki, Chaim Kapetas, Aggela Trikili, Eleni Zioga, Sophia Trikali, Irini Nomikou, Despina Faridi, Anastasia Pnevmatikou, Maria Rammou, Athanasia Kanari, Jetmira Amalia Jancaj, Loukia Deliveloti, Daniela Gaga, Maria Avgenaki, Evanthia Michalaki, Christina Triantafyllou, Sofia Aftousmi, Foteini Strati, Sofia Kouti, Olga Boronilo, Androniki Pseftoudi, Antigoni Prapa, Anastasia Christopoulou, Irene Stathopoulou

**The Editorial Board
of the Regional Science Inquiry - 2025**

Editor-in-Chief

PROFESSOR CHRISTOS AP. LADIAS
Regional Science Inquiry

Editors-Authors

PROFESSOR THEODORE PELAGIDIS
Department of Maritime Studies
University of Piraeus, Piraeus, Greece

PROFESSOR PANAGIOTIS LIARGOVAS
Department of Economics
University of Peloponnese, Tripolis, Greece

PROFESSOR GEORGE KARRAS
Department of Economics
University of Illinois, Chicago, USA

RECTOR-PROFESSOR PARIS TSARTAS
Department of Business Administration
University of the Aegean, Mitilene, Greece

RECTOR-PROFESSOR NIKOLAOS GEORGOPOULOS
Department of Business Administration
University of Piraeus, Piraeus, Greece

PROFESSOR KIRAN PRASAD
Professor and Head, Dept. of Communication
and Journalism, Sri Padmavati Mahila University,
Tirupati – 517 502., A.P., India

PROFESSOR JOSE ANTONIO PORFIRIO
Departamento de Ciencias Sociais de Gestao
Universidade Aberta, Lisboa, Portugal

PROFESSOR PAOLO MALANIMA
Department of Economic History and Economics
Magna Graecia University in Catanzaro, Catanzaro, Italy

PROFESSOR RADOVAN STOJANOVIC
Faculty of Electrical Engineering
University of Montenegro, Podgorica, Montenegro

PROFESSOR RUDIGER HAMM
Department of Business Administration
and Economics Niederrhein, University of Applied
Sciences, Krefeld, Germany

PROFESSOR SERAFEIM POLYZOS
Department of Planning and Regional Development,
School of Engineering, University of Thessaly, Volos
Greece

ASSOCIATE PROFESSOR DANIEL FELSENSTEIN
Department of Geography,
Hebrew University of Jerusalem, Jerusalem, Israel

PROFESSOR GEORGE KORRES
Department of Geography
University of the Aegean, Mitilene, Greece

PROFESSOR MINAS AGGELIDIS
Department of Architecture, National Technical
University of Athens, Athens, Greece

PROFESSOR JOSE VARGAS HERNANDEZ
Department de Mercadotecnia y Negocios
Internacionales, Universidad de Guadalajara,
Guadalajara, Jalisco, Mexico

PROFESSOR ELIAS CARAYANNIS
Department Information Systems & Technology
Management, School of Business, The George
Washington University, Washington, USA

Dr NGUYEN CAO Y
Head Of Department, Transport Economic Faculty,
University Of Transport And Communications
Hanoi Vietnam

PROFESSOR MOH'D AHMAD AL-NIMR
Mechanical Engineering Department
Jordan University of Science and Technology,
Irbid – Jordan

Dr CHARALAMBOS LOUCA
Head of Business Department, Director of Research
Department, Editor of The Cyprus Journal of Sciences,
American College, Nicosia, Cyprus

PROFESSOR VASILIOS KOUGEAS
Department of Public Administration,
Panteion University, Athens, Greece

PROFESSOR PANTELIS SKAYANNIS
Department of Planning and Regional Development
University of Thessaly, Volos, Greece

ASSOCIATE PROFESSOR MARIA MICHALIDIS
Department Management and MIS,
School of Business, University of Nicosia
Nicosia, Cyprus

EMERITUS PROFESSOR DIMITRIOS DIONISIOU
Department of Senior Mathematics
Hellenic Air Force Academy, Dekelia, Greece

PROFESSOR YUZARU MIYATA
Department of Architecture and Civil Engineering
Toyohashi University of Technology, Toyohashi, Japan

PROFESSOR DANIELA L. CONSTANTIN
Director of the Research Centre for Macroeconomic
and Regional Forecasting (PROMAR), Bucharest
University of Economic Studies, Bucharest, Romania

PROFESSOR NIKOLAOS KYRIAZIS
Department of Economic Sciences
University of Thessaly, Volos, Greece

PROFESSOR VIRON KOTZAMANIS
Department of Sociology University of Thessaly,
Volos, Greece

PROFESSOR MIRA VUKCEVIC
Faculty of Metallurgy and Chemical Technology
University of Montenegro, Podgorica, Montenegro

PROFESSOR FATMIR MEMAJ
Faculty of Economics University of Tirana,
Tirana, Albania

PROFESSOR DIMITRIOS SKIADAS
Department of International and European Studies
University of Macedonia, Thessaloniki, Greece

Dr. ANNE MARGARIAN
Institute of Rural Studies, Federal Research Institute
for Rural Areas, Forestry and Fisheries,
Braunschweig, Germany

PROFESSOR FRANCISCO DINIZ
University Trás-os-Montes e Alto Douro
(UTAD), Portugal

ASSOCIATE PROFESSOR OLGA GIOTI-PAPADAKI
School of Sciences of Economy and Public
Administration, Panteion University of Social and
Political Sciences Athens, Greece

ASSISTANT PROFESSOR LAMBROS BABALIOUTAS
Department of Public Administration,
Panteion University, Athens, Greece

ASSOCIATE PROFESSOR DARÇIN AKIN
Department of City and Regional Planning
Gebze Institute of Technology, Gebze, Turkey

ASSOCIATE PROFESSOR JAN SUCHACEK
Department of Regional and Environmental Economics
Technical University of Ostrava, Ostrava,
Czech Republic

PROFESSOR MIHAIL XLETOS
Department of Economic Sciences
University of Ioannina, Ioannina, Greece

ASSISTANT PROFESSOR ANASTASIA STRATIGEA
Department of Geography and Regional Planning
National Technical University of Athens, Athens Greece

ASSISTANT PROFESSOR VASILIOS AVDIKOS
Department of Economic and Regional Development,
Panteion University, Athens, Greece

ASSOCIATE PROFESSOR HELEN THEODOROPOULOU
Department of Home Economics Ecology,
Harokopion University, Kallithea, Greece

EMERITUS PROFESSOR KONSTANTINOS TSAMADIAS
Department of Home Economics Ecology,
Harokopion University, Kallithea, Greece

PROFESSOR PANTELIS SKLIAS
Faculty of Social Sciences
University of Peloponnese, Korinthos, Greece

ASSISTANT PROFESSOR MARIUSZ SOKOLOWICZ
Department of Regional Economics and Environment
University of Lodz, Lodz, Poland

ASSISTANT PROFESSOR JOAO MARQUES
Department of Social and Political Sciences
University of Aveiro, Aveiro, Portugal

ASSOCIATE PROFESSOR GEORGIOS SIDIROPOULOS
Department of Geography University of the Aegean,
Mitolini, Greece

ASSOCIATE PROFESSOR ELENI PAPADOPOULOU
School of Urban-Regional Planning &
Development Engineering, Aristotle University
of Thessaloniki, Thessaloniki, Greece

PROFESSOR VASILIKI ARTINOPOULOU
Department of Sociology, Panteion University
of Social and Political Sciences, Athens

ASSISTANT PROFESSOR GEORGIOS XANTHOS
Department of Sciences, Technological
Educational Institute of Crete, Heraklion, Greece

ASSOCIATE PROFESSOR EMMANUEL CHRISTOFAKIS
Department of Business Administration
University of the Aegean, Chios, Greece

ASSISTANT PROFESSOR FILIPOS RUXHO
Department of Business and Management,
Universum College, Prishtina, Kosovo

Dr STILIANOS ALEXIADIS
RSI Journal

LECTURER MAARUF ALI
Department of Computer Science & Electronic
Engineering Oxford Brookes University,
Oxford, United Kingdom

ASSOCIATE PROFESSOR LABROS SDROLIAS
Department of Business Administration, School of
Business Administration and Economics, Technological
Education Institute of Thessaly, Larissa, Greece

ASSOCIATE PROFESSOR Dr. NETA ARSENI POLO
Department of Economics
University "Eqrem Cabej", Gjirokaster, Albania

LECTURER ALEXANDROS MANDHLA
RAS Department of Economics, University
Of Surrey, United Kingdom

ASSISTANT PROFESSOR GEORGE P. MALINDRETOS
Harokopion University, Kallithea, Greece

RESEARCH FELLOW PARK JONG - SOON
Development Institute of Local Government
of South Korea, Jangan-gu, Suwon City, South Korea

RESEARCHER, Dr. Dr. AIKATERINI KOKKINO
Department of Geography University the Aegean,
Mitolini, Greece

PROFESSOR ANDREW FIELDSSEND
Studies in Agricultural Economics, Budapest, Hungary

Dr MICHAEL ALDERSON
Director Project Development
University of Szent Istvan, Budapest, Hungary

Dr PEDRO RAMOS
Faculdade de Economia, Universidade
de Coimbra, Coimbra, Portugal

Dr NIKOLAOS HASANAGAS
Faculty of Forestry and Natural Environment, Aristotle
University of Thessaloniki, Thessaloniki, Greece

ASSISTANT PROFESSOR DIMITRIOS TSIOTAS
Department of Regional and Economic Development,
School of Applied Economics and Social Sciences,
Agricultural University of Athens, Amfissa, Greece

ASSOCIATE PROFESSOR PANAGIOTIS STAIKOURAS
Department of Business Administration
University of Piraeus, Piraeus, Greece

Dr CRISTINA LINCARU
National Scientific Research Institut for Labor and Social
Protection, Bucharest, Romania

ASSOCIATE PROFESSOR HIROYUKI SHIBUSAWA
Department of Architecture and Civil Engineering
Toyoashi University of Technology, Toyoashi, Japan

ASSISTANT PROFESSOR CHRISTOS STAIKOURAS
Department of Accounting and Finance, Athens
University of Economics and Business, Athens, Greece

ASSISTANT PROFESSOR ZACHAROULA ANDREPOPOULOU
Faculty of Forestry and Natural Environment, Aristotle
University of Thessaloniki, Thessaloniki, Greece

ASSISTANT PROFESSOR ALEXANDROS APOSTOLAKIS
Department of Sciences, Technological
Educational Institute of Crete, Heraklion, Greece

Dr PRODROMOS PRODROMIDIS
Centre for Planning and Economic Research and Athens
University of Economics and Business KEPE,
Athens, Greece

ASSOCIATE PROFESSOR GEORGE VOSKOPOULOS
University of Macedonia
Thessaloniki, Greece

LECTURER VENI ARAKELIAN
Department of Economic and Regional
Development, Panteion University of Social
and Political Sciences, Athens, Greece

ASSOCIATE PROFESSOR VASSILIS KEFIS
Department of Public Administration
Panteion University, Athens, Greece

PROFESSOR GEORGIOS DOUNIAS
University of the Aegean, School of Business,
Department of Financial & Management Engineering,
Chios

ASSOCIATE PROFESSOR ELIAS PLASKOVITIS
Department of Economic and Regional Development,
Panteion University, Athens, Greece

PROFESSOR GARYFALLOS ARAMPATZIS
Department of Forestry and Management of the
Environment and Natural Resources
Democritus University of Thrace
Orestiada, Greece

PROFESSOR KONSTANTINOS SOUTSAS
Department of Forestry and Management of the
Environment and Natural Resources
Democritus University of Thrace
Orestiada, Greece

PROFESSOR EFSTATHIOS TSACHALIDIS
Department of Forestry and Management of the
Environment and Natural Resources
Democritus University of Thrace
Orestiada, Greece

Dr. AMITRAJEET A. BATABYAL
Department of Economics, Rochester Institute of
Technology, NY 14623-5604, USA.

Dr. HAMID BELADI
Department of Economics, University of Texas at San
Antonio, San Antonio, USA

Dr. YANSUI LIU
College of Resources Science and Technology,
Beijing Normal University, Beijing, China

STAVROS RODOKANAKIS
Department of Social and Policy Sciences
University of Bath Clarendon Down,
Bath, United Kingdom

PROFESSOR GEORGE TSOBANOGLOU
Department of Sociology
University of the Aegean, Mitilini, Greece

PROFESSOR ALBERT QARRI
Vlora University, Vlora, Albania

RESEARCHER Dr CARMEN BIZZARRI
Department of Human science
European University of Rome, Rome, Italy

PROFESSOR GEORGE POLICHRONOPOULOS
School of Business Administration and
Economics, Technological Educational Institute
of Athens, Athens, Greece

Dr MICHEL DUQUESNOY
Universidad de los Lagos, CEDER
Universidad Autónoma del Estado de Hidalgo,
ICSHu-AAHA, Chilo

LECTURER ASPASIA EFTHIMIADOU
Master Program of Environmental Studies
Open University of Cyprus, Nicosia, Cyprus

ASSISTANT PROFESSOR ELECTRA PITOSKA
Technological Institute of Florina, Florina, Greece

PROFESSOR EVIS KUSHI
Faculty of Economy, University of Elbasan,
Elbasan, Albania

LECTURER MANTHOS DELIS
Faculty of Finance. City University London
London, United Kingdom

ASSISTANT PROFESSOR ELENI GAKI
Department of Business Administration
University of the Aegean, Chios, Greece

ASSISTANT PROFESSOR AMALIA KOTSAKI
Department of Architectural Engineering
Technical University of Crete, Chania, Greece

PROFESSOR STELLA KYVELOU—CHIOTINI
School of Sciences of Economy and Public
Administration, Department of Economic and Regional
Development, Panteion University, Athens, Greece

LECTURER ROSA AISA
Department of Economic Analysis
University of Zaragoza, Zaragoza, Spain

Dr GEORGIOS-ALEXANDROS SGOUROUS
National and Kapodistrian University of Athens,
Athens, Greece

Dr BULENT ACMA
Department of Economics, Anadolu University,
Unit of Southeastern Anatolia, Eskisehir, Turkey

PROFESSOR DRITA KRUIA
Faculty of Economics
Shkodra University, Shkodra, Albania

Dr LAMARA HADJOU
University of Tizi Ouzou,
Tizi Ouzou, Algeria

Dr ADRIANUS AMHEKA
State Polytechnic of Kupang,
Penfui, Kupang, Indonesia

Dr KHACHATRYAN NUNE
Head of the scientific research unit
University of Hohenheim, Stuttgart, Germany

Dr ANDREW FIELDSSEND
Research Institut of Agriculture Economics,
Budapest, Hungary

Dr FUNDA YIRMIBESOGLU
Istanbul Technical University, Faculty of Architecture
Office Istanbul, Istanbul, Turkey

PROFESSOR MAHAMMAD REZA POURMOHAMMADI
Department of Geography,
University of Tabriz, Iran

RECTOR - PROFESSOR ARMAND KRASNIQI
University "Haxhi Zeka" Peja, Kosovo

PROFESSOR TUZIN BAYCAN,
Department of Urban and Regional Planning, Istanbul
Technical University,
President of the Turkish National Committee of Regional
Science, Turkiye

PROFESSOR PETRAQ PAPAJORGJI,
European University of Tirana, Albania

PROFESSOR MARINELA KRSTINIC NIZIC,
Vice-Dean for Development
Faculty of Tourism and Hospitality Management,
Opatija, University of Rijeka, Croatia

PROFESSOR NEXHDET SHALA
Dean of Agribusiness Faculty,
University Haxhi Zeka Peja, Kosovo

PROFESSOR IBRAHIM HOXHA
Faculty of Agribusiness,
University Haxhi Zeka Peja, Kosovo

Critical Surveys Editors

Lecturer Aspasia Efthimiadou, Dr Sotirios Milionis,
Dr Georgios-Alexandros Sgouros, Dr Stavros
Ntegiannakis, Dr Anastasia Biska, Dr Christos
Genitsaropoulos, Dr Loukas Tzachilas, Maria Goula

Book Review Editors

Dr Dr Katerina Kokkinou, Dr Stilianos Alexiadis,
Dr Elias Grammatikogiannis, Dr Maria Mavragani,
Dimitrios Kouzas, Vilelmini Psarrianou, Antonia
Obaintou, Helga Stefansson, Dr Nikolaos Hasanagas,
Maria karagianni

Copy Editors

Professor Georgios Korres, Assistant Professor
Panagiotis Krimpas, Dr Stylianos Alexiadis, Dimitrios
Kouzas, Antonia Obaintou, Dr Thomas Georgiadis
Researcher, Panteion University.

Publisher-Manager

Dr Christos Ap. Ladias

