



South-East
European
Research Centre.



Annual Report 2018

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1 RESEARCH @ SEERC

1.1 Externally funded research projects update

Nine new externally funded projects were approved for funding. Six of them kick started within 2018, while the other three kick started in the begging of 2019. Another two projects were successfully completed.

1.1.1 New Awards

	PROGRAMME	ACRONYM/FULL TITLE	COORDINATOR
1	H2020 MSCA RISE	Profset: Promoting Sustainable Freight Transport in Urban Contexts: Policy and Decision-Making Approaches	University of Sheffield
2	H2020 MSCA ETN	ReTraCE: Realising the Transition to the Circular Economy: Models, Methods and Applications	University of Sheffield
3	CBC Greece – North Macedonia	iCBA: Intelligent Cross-Border Accelerator for Innovative ICT-enabled start-ups	Alexandrian Innovation Zone of Thessaloniki
4	Erasmus+ Knowledge Alliances	DLT4ALL: A Knowledge Alliance for Blockchain in Academic, Entrepreneurial and Investment Training	University of Nicosia
5	H2020 SwafS	TeRRItoria: Territorial Responsible Research and Innovation ThROugh the involvement of local R&IActors	European Science Foundation
6	H2020 SwafS	GRACE: Grounding RRI Actions to Achieve Institutional Changes in European Research Funding and Performing Organisations	European Science Foundation
7	Erasmus+ Strategic Partnerships	DIGI-GRENT: Building Next Generation of Globally Responsible Digital Entrepreneurs	University of Almeria

	PROGRAMME	ACRONYM/FULL TITLE	COORDINATOR
8	Erasmus+ Strategic Partnerships	ARRANGE-ICT: pArtneRship foR AddressiNG mEgatrends in ICT	Technical University of Sofia
9	Erasmus+ Jean Monnet	HLX4EU: Boosting the European integration process in a time of crisis through the Triple Helix: strengthening the delivery of EU policies for growth and jobs	Triple Helix Association, Europe

1.1.2 Ongoing Research Projects (as of the end of December 2018)

	PROGRAMME	ACRONYM/FULL TITLE	COORDINATOR
1	Erasmus+	ATSIV: Advancing the Third Sector through Innovation and Variation	University of Peloponnese, Greece
2	Erasmus+	iSTART: A Lean-Training, Innovative, Multidisciplinary Digital Entrepreneurship Platform	Yasar Universitesi, Turkey
3	Jean Monnet Networks	MIGRATE: CTRL+Enter Europe: Jean Monnet Migrant Crisis Network	South East European Research Centre, Greece
4	H2020 SwafS	FIT4RRI: Fostering improved training tools for responsible research and innovation (RRI)	Sapienza University of Rome, Italy
5	Erasmus+	VET4SPORT: Vocational Education and Training for sport workers - Innovative program for building personal and social skills	MHRA, FYROM
6	Justice	E-Protect: Enhancing Protection of children – victims of crime	Law and Internet Foundation, Bulgaria

1.1.3 Completed Research Projects in 2018

SEERC successfully completed two projects during 2018. Details on the completed projects are available in the table below:

	PROGRAMME	ACRONYM/FULL TITLE	COORDINATOR
1	Erasmus+ Strategic partnerships	TrainERGY: Training for Energy Efficient Operations	University of Lodz, Poland
2	EU-INDIA	REINVEST: EU-India Research & Innovation Partnership for efficient and sustainable freight transportation	University of Sheffield, United Kingdom

1.2 Other Activities

1.2.1 Research Submissions

A total of 25 new research project proposals were submitted throughout 2018 to various funding bodies, including 7 at H2020 and 18 at the Erasmus+ program. The proposals reflected the research interests and related work of the research tracks and research clusters within the tracks.

1.2.2 Publications

A series of publications by SEERC staff and students were published in 2018. (An extensive list of publications appearing by Research Track is provided at the end of the report in the Appendix).

1.2.3 Summer Schools

SEERC co-organised two Summer Schools during the summer of 2018:

- The **“Athens Social Entrepreneurship Summer Academy”** in cooperation with the QATAR Center for Social Entrepreneurship (NAMA) and the HIGGS incubator in Athens.
- The 3rd Summer School focusing on the current refugee crisis titled: **“Refugee and Migrant crisis: New challenges of Integration”** in cooperation with the International Faculty of the University of Sheffield, CITY College and the departments of Politics and Sociological Studies of the University of Sheffield.

2 THE DOCTORAL PROGRAMME

2.1 Viva examinations

Four PhD candidates have undergone through Viva examination in 2018. The Viva examinations took place at SEERC and Sheffield. The PhD students were awarded with the Degree of Philosophy. Eminent academics were invited to act as external examiners and contribute to a rigorous process by providing insightful remarks for the candidates. The names and affiliations of the examiners of the PhD viva examination that took place in 2018 are provided in the list below:

PhD Candidate	PhD Topic	External Examiner	Affiliation
Tanja Kuzman	Financial and Economic Consequences of Political Interference within State-Owned Enterprises	Prof Ali Ataullah	Open University Business School, UK
Petros Golitsis	Interactions Of Monetary Policies in South East Europe Countries in a European Monetary Union Context: A Global-Vector Autoregressive Model	Prof Efi Nikolaidou	University of Cape Town
Vasilis Barkoukis	Self-affirmation and performance enhancement substance use in sport and exercise	Prof Christopher Armitage	University of Manchester
Krenare Pireva	Cloud eLearning. Personalisation of learning using resources from the Cloud	Prof Stamatis Demosthenis	Alexander Technological Educational Institute Thessalonikis

2.2 Confirmation Review Process

March 15, 2018: The PhD status of SEERC's student Ms Aleksandra Laketa, (Full time student) registered with the Department of Psychology has been successfully confirmed at the Confirmation Review Process that took place at SEERC.

March 15, 2018: The PhD status of SEERC's student Ms Arvesa Studenica, (Full time student) registered with the Department of Psychology has been successfully confirmed at the Confirmation Review Process that took place at SEERC.

April 25, 2018: The PhD status of SEERC's student Mr Drilon Lajci, (Full time student) registered with the Management School, has been successfully confirmed at the Confirmation Review Process that took place at SEERC

December 6, 2018: The PhD status of SEERC's student Ms Arta Musollaj, (Full time student) registered with the English Language and Linguistics Department has been successfully confirmed at the Confirmation Review Process that took place at SEERC.

December 17, 2018: The PhD status of SEERC's student Mr Anastasios Lytos, (Full time student) registered with the Computer Science Department has been successfully confirmed at the Confirmation Review Process that took place at SEERC.

2.3 Call for Doctoral Applications 2018-2019

New Admissions

A new Call for applications to the SEERC Doctoral Programme for the academic year 2018-2019 was published in April 2018 and resulted to the following recruits:

Name	Country	Topic	Mode of Study
Ms Kristine Brance	LATVIA	The mental health of refugees: Discrimination, integration and identity	FULL TIME
Mr George Kladakis	GREECE	Bank Capital and Liquidity Creation in the EU Banking System	FULL TIME
Mr Ioannis Spyridis	GREECE	Efficient control of drones communications in IoT	FULL TIME

Scholarships offered by the Ministry of Education in Kosovo - New Admissions

The International Faculty of the University of Sheffield, CITY College in cooperation with the Ministry of Education, Science and Technology of the Republic of Kosovo (under UNSC 1244) announced a call for 2 scholarships for PhD studies at SEERC for 2018-2019.

Following an evaluation process in which both potential supervisors from CITY College – International Faculty and from TUoS participated, one scholarship was offered to the successful PhD applicant below.

Name	Topic	Dept.	Mode of Study
Ms Natyra Xharavina	Exploring the Current Role of Sustainability in the Balkans: An Investigation into Organisational Practices and Consumer Behaviour	Management School	FULL TIME

2.4 Young Researchers' Skills Development Week 2018

The 3rd Young Researchers' Skills Development Week took place on 9-11 May 2018 in Thessaloniki. The 3rd YRW hosted several research workshops filling the identified gap in PhD students' skills enhancement. The 12th Annual Doctoral Conference, where 13 research papers were presented, was organized as part of the 3rd YRW.

2.5 Other Academic Activities

Throughout 2018 SEERC continued the organization of research seminars in the frame of Open Seminar Series and Research Student Seminars. (For a full list of the SEERC seminars, see Appendix).

NETWORKING & DISSEMINATION

2.6 Events Organised by SEERC

March 5-9, 2018: SEERC in cooperation with the Business and Administration Department of the University of Sheffield International Faculty, CITY College has organized the 3rd Transnational Training on Energy Efficient Operations under the framework of the TrainERGY project (EU funded).

April 26, 2018: SEERC participates in the third conference of the MIGRATE project with the subject "Refugee crisis two years later: From retrospective to prospective insights" at the Faculty of Political Sciences, University of Belgrade

May 3-5, 2018: SEERC together with The University of Sheffield International Faculty, CITY College and the Cukurova University organized the 5th International Conference "Language in Focus" in Thessaloniki.

May 9-11, 2018: SEERC organized the Young Researchers' Skills Development Week at L. Sofou building.

June 25 - July 3, 2018: SEERC hosted in Thessaloniki a one-week summer school focused on Migration. The Summer School was jointly organised by the University of Sheffield Politics Department, the Department of Sociological Studies and the University's International Faculty CITY College and took place between June 25th and July 3rd at the main campus of the International Faculty.

July 23-27, 2018: SEERC organised the "Athens Social Entrepreneurship Academy" for a group of would-be social entrepreneurs from Qatar, funded by the NAMA Center for youth and entrepreneur empowerment of Qatar. The training took place in Athens.

October 21, 2018: SEERC in cooperation with The Northern Greece Entrepreneurs and the Navarino Network organized the “7th Thessaloniki International Symposium in World Affairs” that took place in Olympion Cinema, Thessaloniki

October 29-31, 2018: SEERC together with The University of Sheffield International Faculty, CITY College and the Qatar University organised the 11th International Conference for Entrepreneurship, Innovation, and Regional Development (ICEIRD-2017) on 29th – 31st October 2018, in Qatar.

3 SEERC INTERNAL NEWS

3.1 New Staff @ SEERC

Ms Maria Michali, is a research assistant at SEERC, participating in two projects funded by the European Commission and related to the adoption of Responsible Research and Innovation (RRI); TeRRitoria (TeRRitorial Responsible Research and Innovation ThROugh the involvement of local R&I Actors) and GRACE (Grounding RRI Actions to Achieve Institutional Changes in European Research Funding and Performing Organisations). She holds a Master’s Degree in Applied Linguistics with TESOL with Merit from CITY College, the International Faculty of the University of Sheffield. Prior to that, she completed her BA studies in the School of English of Aristotle University of Thessaloniki (Faculty of Philosophy). She has also worked as a teacher of English as a Foreign Language (EFL) in private language teaching centers in Thessaloniki.

Ms Iliana Athanasovska, is a part-time intern working on DIGI-GRENT, PROFSET & HELIX4EU projects funded by the European Commission, as well as she is part of the organizing committee of the European Triple Helix Congress on Responsible Innovation and Entrepreneurship (ETHAC). Currently, she is finishing her Bachelor Studies in Accounting & Finance at The University of Sheffield, International Faculty CITY College. Also, she works for the President of the Triple Helix Association, Prof Henry Etzkowitz, on matters related to developing and coordinating research publications & projects.

4 Appendix:

4.1 Publications

Basholli, A., Lagkas, T., Bath, P., & Eleftherakis, G. (2018). Healthcare professionals' attitudes towards remote patient monitoring through sensor networks. In IEEE 20th International Conference on e-Health Networking, Applications and Services.

Bellavista, P., Giannelli, C., Lagkas, T., & Sarigiannidis, P. (2018). Quality management of surveillance multimedia streams via federated SDN controllers in Fiwi-iot integrated deployment environments. IEEE ACCESS.

Bellavista, P., Giannelli, C., L., & T. and Sarigiannidis, P. (2018). Multi-domain SDN controller federation in hybrid FiWi-MANET networks. *Journal on Wireless Communications and Networking*.

Dalamagkas, C., Sarigiannidis, P. G., Moscholios, I. D., Lagkas, T., & Obaidat M. S. (2018). PAS: A Fair Game-Driven DBA Scheme for XG-PON Systems. In 11th International Symposium on Communication Systems, Networks, and Digital Signal Processing.

Kalinowski, T. B., Wieteska, G., Rudnicka, A., Wronka, A., Solomon, A., Piccolo, C., et al. (2018). The process of gaining key competencies in the implementation of energy efficient and sustainable supply chain operations. *IJIRD*, 8(3), 232–258.

Ketikidis, P. H., & Solomon, A. (2018). Special issue: Co-producing knowledge, innovation and growth through university industry collaboration Lessons from experience. *IHE*, 32(4), 211–280.

Lagkas, T., Argyriou, V., Bibi, S., & Sarigiannidis, P. (2018). UAV IoT Framework Views and Challenges: Towards Protecting Drones as Things. *Sensors*.

Lagkas, T., Sarigiannidis, P., Bellavista, P., & Giannelli, C. (2018). Multi-Stage Resource Allocation in Hybrid 25G-EPON and LTE-Advanced Pro FiWi Networks for 5G Systems. *IET Networks*.

Lytos, A., Lagkas, T., Sarigiannidis, P., & Bontcheva K. (2018). Argumentation Mining: Exploiting Multiple Sources and Background Knowledge. In 12th South East European Doctoral Student Conference.

Penney, K., Bibikas, D., Vorley, T. and Wapshott, R. (2018). When Pedagogic Worlds Collide: Reflections on a Pan-European Entrepreneurship Education Project. In *Experiential Learning for Entrepreneurship* (pp. 245-263). Palgrave Macmillan, Cham. (pp. 245–263).

Solomon, A., & Ketikidis, P. H. (2018). A Quintuple Helix based Decision Support Framework Towards the Implementation of Low Carbon and Resilient Supply Chains. In *ICDSST PROMETHEE DAYS 2018 PROCEEDINGS THE EWG-DSS 2018 INTERNATIONAL CONFERENCE ON DECISION SUPPORT SYSTEM TECHNOLOGY & PROMETHEE DAYS 2018*. Heraklion, Crete, 22-25 May 2018.

Solomon, A., & Ketikidis, P. H. (2018). Sustainability & Responsibility Diffusion within Society: Blending the Quintuple Helix Model with the Pillars of RRI. In 16th International Triple Helix Conference. Manchester, United Kingdom, 5-8 September 2018.

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Solomon, A., & Ketikidis, P. H. (2018). The FIT4RRI methodology for responsible research and innovation. In 16th International Triple Helix Conference. Manchester, United Kingdom, 5-8 September 2018.

Solomon, A., & Ketikidis, P. H. (2018). The Leading European and American Quintuple-Helix Model for Inclusive Sustainable Transportation: Cocreation with Businesses, Innovators, Policy Makers, Society, and the Environment. In Ajman 5th International Environment Conference on Climate Change & Sustainability. Ajman, United Arab Emirates: Science Target.

Solomon, A., & Ketikidis, P. H. (2018). The Leading European and American Quintuple-Helix Model for Inclusive Sustainable Transportation: Cocreation with Businesses, Innovators, Policy Makers, Society, and the Environment. *International Journal of Environment and Sustainability (IJES)*, 7(1).

Solomon, A., & Ketikidis, P. H. (2018). The Role of the quintuple-helix model for inclusive sustainable technological diffusion: co-creation with businesses, innovators, policy makers, society and the environment. In 14th International Conference on Technology, Knowledge and Society. New York, USA: CGI Scholar.

Triantafyllou, A., Sarigiannidis, P., & Lagkas, T. D. (2018). Network Protocols, Schemes, and Mechanisms for Internet of Things (IoT): Features, Open Challenges, and Trends. *WCMC*, , 24 pp.

PLEASE NOTE that these lists might be incomplete since the publications database is continuously updated. For a last update please follow the link below:

<http://www.seerc.org/new/index.php/component/refbase/?Itemid=132>

4.2 Open Seminar Series

March 26, 2018: “Public perceptions of Carbon Dioxide Utilisation (CDU) technologies in the UK & Germany and energy security in Greece & Turkey“ delivered by Dr Chris Jones, Psychology Department, University of Surrey.

May 2, 2018: “*Sustainable Functional Materials*” delivered by Prof Ian M. Reaney, Department of Materials Science and Engineering, The University of Sheffield.

May 2, 2018: “*The Advanced Resource Efficiency Centre & Environmental Sustainability*” delivered by Prof Lenny Koh, Management School, The University of Sheffield.

May 21, 2018: “*Neuroleadership, Sustainability and Organizational Performance*” delivered by Ms Anka Gorgiev, Neuroleadership Institute, New York.

June 14, 2018: “*Narcopolitics and the Legalising of Cannabis: The Turning Tide of Drug Policy in the Americas*” delivered by Dr Matthew Bishop, Sheffield Political Economy Research Institute, The University of Sheffield.

November 29, 2018: “*Research Workshop on the REF exercise and quality of publications*” delivered by Prof Richard Bentall, Department of Psychology, The University of Sheffield.

4.3 Research Student Seminars

March 15, 2018: “Examining the Role of Acculturation and Language Learning and Use Motivation in the Bilingual Cognitive Advantage” delivered by PhD student Ms Aleksandra Laketa

March 15, 2018: “*What Mechanisms Drive the Bilingual Cognitive Advantage? A Comparison of Similar vs. Different Language Pairs*” delivered by PhD student Ms Arvesa Studenica

April 25, 2018: “*Decoding employee voice in countries of crisis: New models of understanding and development*” delivered by PhD student Mr Drilon Lajci

December 6, 2018: “*Attitudes towards Minority Languages in Kosovo*” delivered by PhD student Ms Arta Musollaj

December 11, 2018: “*Bank Capital and Liquidity in Europe*” delivered by PhD student Mr George Kladakis

December 17, 2018: “*Towards Argumentation Mining in Social Media*” delivered by PhD student Mr Anastasios Lytos



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