



# 26<sup>th</sup> APDR CONGRESS

**Evidence-based territorial policymaking:**  
Formulation, implementation  
and evaluation of policy

# Proceedings

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universidade de aveiro  
unidade de investigação em governança,  
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de aveiro







Welcome to the 26<sup>th</sup> APDR Congress, July 4-5, 2019, Aveiro

APDR and the Local Organising Committee wish you a pleasant and inspiring participation!

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## Programme Overview

Wednesday, 3 July	Thursday, 4 July	Friday, 5 July
	<b>Registration desk</b> [09:00-16:00   Hall Building 23]	<b>Registration desk</b> [08:30-13:00   Hall Building 23]
<p><b>WORKSHOPS</b> (For Masters and PhD Students)</p> <p>Worshop 1 - <b>Introdução à Estatística com recurso ao SPSS</b> (in PT) [10:00-17:30   Room 10.3.6]</p> <p>Worshop 2 - <b>Spatial Analysis Using Stata</b> (in EN) [10:00-17:30   Room 10.3.14]</p>	<p><b>WELCOME COFFEE</b> with "Ovos Moles" [09:30-10:00   Hall Building 23]</p> <p><b>Formal Opening</b> [10:00-10:30   Room 23.1.7]</p> <p><b>Plenary Session I</b> (PT Session) <i>Os 29 anos da Ciência Regional em Portugal</i> Chair: <b>Francisco Carballo Cruz</b> Speakers: <b>Artur da Rosa Pires, António Figueiredo and João Lourenço Marques</b> [10:30-12:00   Room 23.1.7]</p> <p><b>Parallel Sessions (1)</b> [12:00-13:00]</p> <p><b>LUNCH</b> [13:00-14:30   Hall Building 23]</p> <p><b>Parallel Sessions (2)</b> [14:30-16:00]</p> <p><b>COFFEE-BREAK</b> [16:00-16:30   Hall Building 23]</p>	<p><b>Parallel Sessions (4)</b> [09:00-10:30]</p> <p><b>COFFEE-BREAK</b> [10:30-11:00]</p> <p><b>Plenary Session II</b> (EN Session) <i>Data Science for Regional Science: Opportunities and challenges</i> Chair: <b>Arnab Bhattacharjee</b> Speakers: <b>Elisabete Silva and Taps Maiti</b> [11:00-12:30   Room 23.1.7]</p> <p><b>LUNCH</b> [12:30-14:00   Hall Building 23]</p> <p><b>APDR General Assembly</b> [13:00-14:00   Room 23.1.7]</p> <p><b>Parallel Sessions (5)</b> [14:00-15:30]</p> <p><b>COFFEE-BREAK</b> [15:30-16:00   Hall Building 23]</p> <p><b>Round Table - Policy Forum</b> (PT Session) Chair: <b>Filipe Teles</b> <b>Duarte Rodrigues, Fernanda do Carmo, Ana Abrunhosa, António Almeida Henriques</b> [16:00 - 18:00   Room 23.1.7]</p> <p><b>Closing Session</b> <b>Eduardo Anselmo Castro</b> - Vice-Reitor da Universidade de Aveiro <b>Maria do Céu Albuquerque</b> - Secretária de Estado do Desenvolvimento Regional [18:00-18:30   Room 23.1.7]</p>
	<p><b>Parallel Sessions (3)</b> [16:30 - 18:00]</p> <p><b>Session organized in partnership with the AD&amp;C</b> <i>Evaluation of Cohesion Policy: Evolution and Challenges</i> Chair: <b>Carla Leal</b> Speakers: <b>Terry Ward, Sérgio Barroso</b> [18:00-18:45   Room 23.1.7]</p> <p><b>OFFICIAL DINNER</b> [20:00 - 22:30   Hotel Mélia Ria - Aveiro]</p>	

## Overview Parallel Sessions

Thursday, 4 July												
Room	Building 23							Building 10				
	1.7	3.4	3.5	3.9	3.10	3.14	3.15	2.3	2.4	2.5	2.6	2.7
Parallel Sessions (1) 12:00-13:00	SS08	SS09.B	SS11	SS17	SS26	SS25	SS12.A					
Parallel Sessions (2) 14:30-16:00		RS02	SS24	RS27	RS22.B	SS18	RS09.A	SS10	RS20.D	SS01	SS09.A	RS20.A
Parallel Sessions (3) 16:30-18:00		RS03 & RS04	RS09.B	RS12	RS16.A	SS21	SS22	SS23.B	RS20.C	RS20.B	SS06	RS21

Friday, 5 July										
Room	Building 23							Building 10		
	1.7	3.4	3.5	3.9	3.10	3.14	3.15	1.7	2.7	2.8
Parallel Sessions (4) 09:00-10:30		RS05	RS09.C	SS05	RS13.A	RS17.A	RS19	SS23.C	SS02	RS09.D
Parallel Sessions (5) 14:00-15:30	SS23.A	SS12.B	RS15	RS16.B	RS17.B	RS22.A	RS23	SS16	SS03 & SS04	RS13.B

## Themes

### Umbrella Theme

#### “Evidence-based territorial policymaking: formulation, implementation and evaluation of policy”

The 26th APDR Congress will be held at the University of Aveiro, which hosted its first edition in 1990. This congress will allow a debate on the needs and challenges of territorializing public policies and on the role of (big) data, information and technologies in planning and regional development.

The lack of the territorial dimension in the formulation and implementation of sectoral policies, currently, coexists with efforts to implement decentralized policies. In this context, the development and evaluation of public policies faces an increasing number of challenges, not only because of the multidimensional nature of the problems, but also because of the unpredictability of factors and the way in which they interact. This justifies the need to involve a diversity of actors and knowledge and the use of information to better inform and support decision-making.

The ability to integrate and articulate technical and political criteria with motivational and preferential criteria of policy takers are necessary and required conditions to make collective decisions policy effective, efficient and sustainable. Additionally, new (big) data, continuously generated by information and communication technologies, justifies a major research effort to identify innovative and integrated methodologies for better using this type of input in the definition of regional and urban development policy, adapting them to specific territorial contexts.

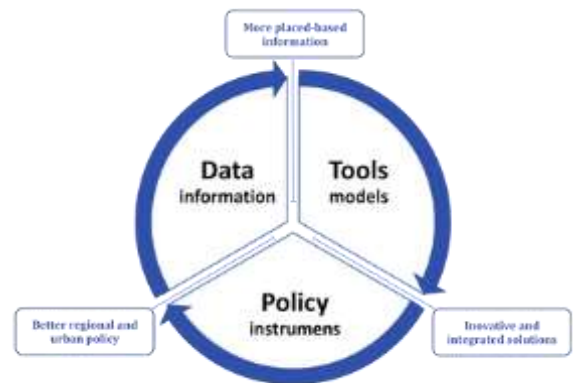
Thus, the 26th APDR Congress emphasizes the interactions between three dimensions: i) data and information; ii) tools and models; iii) policies and instruments.

i) More and better territorial information: in the context of the definition of regional development policies, discuss the big data and the existence of limitations in its use and availability and reflect on the use of small samples and adaptive models to support decision-making;

ii) Better Methodologies (Innovative and Integrated): assess how information and communication technologies (ICT) can be used to meet the needs and expectations of populations and foster regional development dynamics;

iii) More effective regional development policies: identify the needs and challenges posed by policy makers, institutions and enterprises, as well as society in general, for the qualification of the territories and improvement of people's living conditions.

The program includes: plenary sessions, round tables, workshops, intensive courses, oriented sessions for master and PhD students, case study sessions, policy forum and parallel sessions (both regular sessions, proposed by the organization - see the list below) and special sessions, proposed by participants.



### General Themes

- RS01 - (Big) Data for regional science
- RS02 - Agglomeration, clustering, and networking
- RS03 - Climate change mitigation and adaptation
- RS04 - Decision Support Systems
- RS05 - Education and health
- RS06 - Energy and environmental economics
- RS07 - Financing of economic growth
- RS08 - Geographic Information Systems and location modelling
- RS09 - Governance and public policy
- RS10 - Housing, rehabilitation and real estate
- RS11 - Information and communication technology in regional sciences
- RS12 - Infrastructure, transportation and accessibility
- RS13 - Innovation, entrepreneurship and regional development
- RS14 - Low density regions and development

- RS15 - Models and methods in regional science
- RS16 - Natural environment, resources and rural development
- RS17 - Population, migration and labour markets
- RS18 - Qualitative analysis in regional science
- RS19 - Quality of life, wellbeing and happiness
- RS20 - Regional and local development policies
- RS21 - Regional resilience and crisis
- RS22 - Services, tourism and culture
- RS23 - Social innovation, integration, poverty and exclusion
- RS24 - Spatial econometrics
- RS25 - Sports and regional development
- RS26 - Systems and General Interest Services: education, health
- RS27 - Territorial Cohesion and asymmetries
- RS28 - Theory in regional science

## Special Sessions' Themes

SS01 | Portugal Post-2020: The Construction of Expectations – Challenges to the Territorialisation of Public Policies

João Abreu de Faria Bilhim (Chair) and Ricardo Cunha Dias

SS02 | Children as City Experts. Contributions for Social Theory and Urban Planning

Paulo Castro Seixas (Chair) and Eunice Castro Seixas

SS03 | Planning for better territorial innovation policies in Less Developed Regions in Europe

Filipe Teles (Chair), Carlos Rodrigues and Sara Moreno Pires

SS04 | Selling 'rural food' in urban contexts: a way of establishing and reinforcing new rural-urban connections?

Elisabete Figueiredo (Chair), Mónica Truninger, Celeste Eusébio and Carlos Rodrigues

SS05 | Envolvimento regional das instituições de ensino superior: todas diferentes, todas iguais?

Ana Paula Bastos, Cassio Rolim, Conceição Rego (Chair) and Mauricio Serra

SS06 | Role and effects of the Entrepreneurial University in regional development

Ana Dias Daniel (Chair)

SS07 | Choreographies of Power in Metropolitan Territories

Jorge Gonçalves (Chair) and Beatriz Condessa

SS08 | Fostering innovation on sea economy development

Sónia Ribeiro (Chair)

SS09 | Modeling and Planning Solutions for territorial policymaking

Rui Pedro Julião (Chair), Teresa Santos, Sara Encarnação and Ricardo Nogueira Mendes

SS10 | Geoparques Mundiais da UNESCO: estratégias de desenvolvimento territorial para o Séc. XXI

Artur A. Sá (Chair)

SS11 | Water-wise Spatial Planning. Challenges for Regions

Teresa Fidélis (Chair) and Andreia Cardoso

SS12 | Políticas de Saúde e Ordenamento do Território

Gonçalo Santinha (Chair) and Carlos Gonçalves

SS13 | Trajectories and life cycles: transition(s) to/in ageing

Cristina Sousa Gomes (Chair)

SS14 | Integração, Coordenação e Geotecnologia como Instrumentos de Elaboração, Execução e Gestão de Políticas Públicas de Redução de Riscos de Desastres Hídricos nos Territórios

Alessandro Carvalho Miola and Mário Jaime Gomes de Lima (Chair)

SS15 | Política governamental, desenvolvimento regional e dinâmica socioeconômica contemporânea  
Itaã de J. Santos Pastor (Chair), Emmanuel de Almeida Farias Júnior and Benjamin Mesquita

SS16 | Tourism and creative cities

Laurentina Vareiro (Chair), Raquel Mendes and Bruno Sousa

SS17 | O design como agente para o desenvolvimento territorial e a territorialização

Jorge Brandão Pereira (Chair) and Paula Tavaves

SS18 | Digital Economy and Digital Talent: challenges in the alignment of technologies and regional capabilities

Marta Ferreira Dias (Chair), Marlene Amorim, Mara Madaleno and Andreia Vitória

SS19 | Data Sourcing and Citizen Participation: plugging territorial development with individual data and engagement

Marlene Amorim (Chair), Raquel Castro Madureira, Miguel Oliveira and Margarida Lucas

SS20 | RIE - Regional Innovation Ecosystems – Policies and Implementation Strategies

David N. Resende (Chair)

SS21 | Energy and Environmental data analysis: indicators and implications

Marta Ferreira Dias (Chair) and Mara Madaleno

SS22 | Cultural and creative tourism in urban and rural territories and community roles

Paula Remoaldo (Chair) and José Cadima Ribeiro

SS23 | Innovation, innovation policy and rural development

Artur Rosa Pires (Chair), Bernadete de Lourdes Bittencourt, Carlo Castellanelli, Fábio Alencar Lima, Michelle Lins de Moraes, Patrice dos Santos and Rui Lopes

SS24 | Data and tools for advanced territorial analysis

Paulo Batista (Chair) and João Lourenço Marques

SS25 | Decision support systems (DSS) to model urban transformation

Jan Wolf (Chair), Carlos Gonçalves and Monique Borges

SS26 | Placed-based knowledge sharing models and tools towards a more sustainable tourism destination

Maria do Rosário Borges (Chair), Jaime Serra, Joana Lima and Noemi Marujo

## Committees

### Scientific Committee

Alcino Couto (U Beira Interior)  
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Pedro Macedo (U Aveiro)  
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Tomaz Ponce Dentinho (U Açores)

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João Lourenço Marques (U Aveiro – DCSPT)  
Mara Madaleno (U Aveiro – DEGEIT)  
Paulo Batista (U Aveiro – DCSPT)  
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Sara Moreno Pires (U Aveiro – DCSPT)

### Staff

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## Organization



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Iniciativa enquadrada no  
projeto DRVIT-UP (POCI-01  
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