

NEWSLETTER NUMBER 13 March 2013

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RESEARCH CENTRE FOR TERRITORY TRANSPORTS AND ENVIRONMENT

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RECENT PUBLICATIONS

Costa A, Sainz V, Alves F (2013) Alvar Aalto and Michelangelo: the emergence of synthesis in urban design, *Urban Design International* (doi:10.1057/udi.2012.33).

Marat-Mendes T, Oliveira V (2012) Urban planners in Portugal in the middle of the 20th century, *Planning Perspectives*, 28(1), 91-111.

Oliveira V (2012) Urban morphology in higher education, *Urban Morphology*, 16(2), 169-71.

Oliveira V (2013) Morpho, a methodology for assessing urban form, *Urban Morphology*, 17(1), 149-61.

Oliveira V, Silva M (2013) Urban form and energy, *Urban Morphology*, 17(1), 181-82.

Perdicoulis A, Glasson J (2012) How clearly is causality communicated in EIA?, *Journal of Environmental Assessment Policy and Management*, 14(3):1250020.

Pinho P, Oliveira V, Santos S, Barbosa M (2012) Metabolic Impact Assessment for urban planning, *Journal of Environmental Planning and Management*, 56(2), 178-93.

Restivo J, Alves F, Mendonça P, Ferreira J (2012) Public housing renovation in Porto: typology versus occupancy density, *International Journal for Housing Science and Its Applications*, 36(1), 9-16.

Silva C (2013) Structural accessibility for mobility management, *Progress in Planning*, 81, 1-49.

PROPOSALS/RECENT CONTRACTS

CENTRO-07-0224-FEDER-002004: EMSURE - Energy and Mobility for Sustainable Regions.

PTDC/ECM-TRA/0528/2012: InnoVshare - Viability Analysis of Different Carsharing System Configurations through an Innovative Large Scale Agent Based Simulation Model.

PTDC/ECM-TRA/1898/2012: InfoCrowds - Social Events Web Information Retrieval for Crowds Mobility Management.

PTDC/ECM-URB/1407/2012: SoMoMUT - Soft Mode Modelling in Urban Trips.

SFRH/BPD/86503/2012 - Paths of population and housing development in Portugal: divergences and convergences in space and planning.

EDITORIAL

Dear Reader

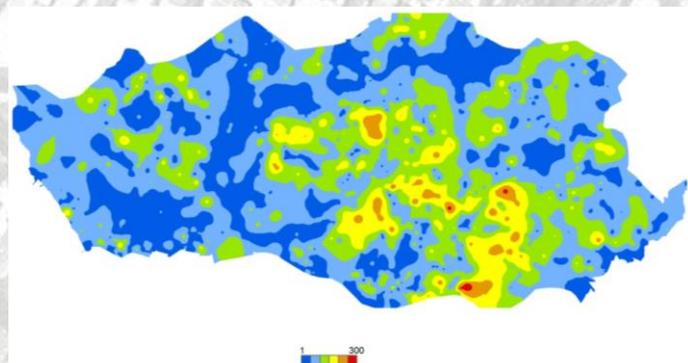
In the coming month of May, Friday the 17th, we are, once more, organizing our annual planning research conference entitled Responsive Transports for Smart Mobility. This year, the emphasis of our conference will be on transport planning and management. Other related research topics, linking spatial planning and urban and environmental policies with mobility and accessibility strategies will be very welcome as well.

For the first time the event will be held outside Oporto, in the city of Coimbra. The reason has obviously to do with the enlargement of our research centre to the University of Coimbra as already reported in previous newsletters (no. 10 and no. 11). But this reason is not just symbolic. It also reflects the importance of all the research work carried out by our Coimbra colleagues on transport planning and transport engineering.

The extent and depth of this research work, allied to the significant size and overall excellence of the Coimbra research team, also justified the creation of a new research unit in our Centre dealing specifically with Transport Engineering (and headed by Prof. Álvaro Seco). Since the launching of CITTA it is the first time that the structure of the Centre was altered. The creation of this new unit was accompanied by the restructuring of the existing unit on transport planning and logistics thereafter renamed Transport Planning research unit (headed by Prof. António Pais Antunes). These important changes in the CITTA structure, now with four research units, and the doubling of the research team, justified a complete review of our internal regulations, followed by elections for the management board, now made of a Director and a Subdirector. The new CITTA is now anchored in both the University of Oporto and the University of Coimbra and the new management arrangements try to reflect and sustain the balance between these two research groups.

The first clear achievement of this joint venture was the creation of a new and innovative Doctoral Programme in Spatial Planning (DPSP). The proposal was prepared in close collaboration between the two universities and successfully submitted to the National Accreditation Agency (A3ES). To our knowledge, this is the first PhD Programme of this kind in Portugal dealing specifically with Spatial Planning. The DPSP was launched in the past month of October and it aims to constitute a truly international programme and one of the most important PhD programmes involving CITTA researchers.

Paulo Pinho



EVIDENCE research project - Application of the Morpho methodology to the city of Porto - Density of plots

COMMUNICATIONS IN CONGRESSES

Lopes M, Santos S, Pinho P (2012) The changing publicness of urban spaces, *EURAU 2012 - Public Space and the Contemporary City*, 12-15 September, Porto.

Lopes M, Santos S, Pinho P (2012) Using Publicness as a public space transdisciplinary analysis tool. *Ambivalent Landscapes*, 8-9 December, Lisbon.

Marat-Mendes T, Cabrita M, Oliveira V (2012) Teaching urban morphology in Portugal, *18th ISUF*, 16-19 October, Delft.

Oliveira V (2013) The Plan-Process-Results (PPR): a methodology for planning and evaluation, *8th IWPE*, 13-15 March, Groningen.

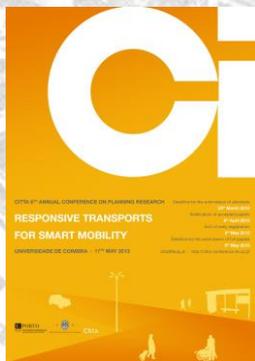
Oliveira V, Silva M, Medeiros V, Barros A (2012) Analyzing and designing cities: New York, Brasília and Lisbon, *18th ISUF*, 16-19 October, Delft.

Pacheco L, Meneses L, Alves F (2012) Metodologia para avaliação da mobilidade pedonal urbana do idoso, *PLURIS 2012*, 3-5 October, Brasília.

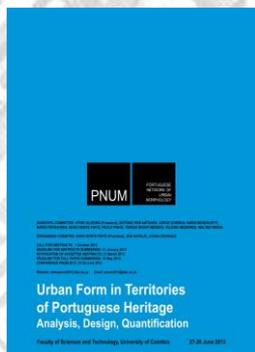
Serra M, Gil J, Pinho P (2012) Unsupervised classification of evolving metropolitan street patterns, *18th ISUF*, 16-19 October, Delft.

SCIENTIFIC MEETINGS ORGANIZATION

10th Annual Conference of the Transports Study Group, Alcobça. 3-4 January.



CITTA 2013: Responsive Transports for Smart Mobility, FCTUC - Coimbra. 17 May.



PNUM 2013: Urban form in territories of Portuguese heritage: analysis, design, quantification, FCTUC - Coimbra. 27-28 June.

RESEARCH UNIT 1

Research unit 1 was perhaps the one least touched by the enlargement of the Centre to the University of Coimbra. The core research team remained about the same and, over the last couple of years; its composition has not changed significantly. The unit includes, at present, 28 researchers (12 senior and 16 junior), showing a marginal growth of 4 researchers when compared to the situation reported in October 2011, in our Newsletter no. 10. This marginal growth was partially due to the inclusion of new researchers from the University of Coimbra that will enrich the research carried out within the remit of this unit. More than growth the challenge ahead points to fostering stabilization and consolidation of the research team to achieve higher standards of research production, both in qualitative and in quantitative terms.

In our unit this reporting period corresponds to the closing of a cycle of research activities, very much oriented towards the training of young researchers (PhD projects) and to the building up of the research team. The new cycle ahead will look for larger and more ambitious projects (in line with the EU 2020 strategy), and for more diversified partners outside Europe, in an attempt to compensate for the present lack of adequate funding for research in Portugal, situation that is likely to remain unchanged for some couple of years. The range of research topics has, however, to be more selective and focused on our core business, the relationships between i) environmental quality assessment and urban form, and ii) urban dynamics, accessibility and energy performance.

At the time of writing, four independent PhD research projects are close to the end, in one case the thesis was already submitted and in the other three cases the respective theses are in the final stages of writing and revision. The EVIDENCE project, a FCT funded project, is also in the final stages and is expected to result in the publication of a book with the collaboration (in two separate chapters) of the Planning Departments of the municipalities of Lisbon and Oporto. These Planning departments provided the test beds to assess the relevance and applicability of some planning techniques previously developed at our Centre, emphasizing the role and importance of a pro-active evidence based approach to planning practice. The MOPUS project - Mobility Patterns and Urban Structures, another FCT project finished a couple of years ago, will also result in the publication of a book by Ashgate Publishers. The contract was already signed and the book is expected to be launched by the end of this year. Already available in the bookshops is Anastassios Perdicoulis' new book entitled *Furthering Environmental Impact Assessment* (Edward Elgar Publishers), written and edited in collaboration with Bridget Durning (Oxford Institute for Sustainable Development) and Lisa Palframan (U Hertfordshire).

Our team headed the preparation and successful submission of a research proposal entitled PURE - Post - Carbon Urban Roadmap for Europe, as a Collaborative Project to the EU 7th Framework Programme. The other participants included colleagues from the U Newcastle, Nordregio (Stockholm), Institut Destrée (Brussels) Cardiff U, TU Delft, Debreceni Egyetem (Budapest), Peking U, U São Paulo and Ardhi U (Tanzania).

Finally, a short reference should be made to a new 3 year Post Doctoral grant attributed by the FCT to one of our senior researchers (Silvia Sousa) on the basis of a proposal entitled *Paths of population and housing development in Portugal: divergences and convergences in space and planning*. Surely, in future issues of this newsletter, we will hear more about this promising project.

Paulo Pinho