



Title **Associate Professor**

Name **Catarina**

Surname **Ramos**

E-mail address **catramos@campus.ul.pt**

Affiliation

Name of Employer **University of Lisbon**

Institute/ department **Institute of Geography and Spatial Planning**

Country **Portugal**

Tel nr. **351.210.443.000**

Fax nr. **3.517.938.690**

Physical address **Rua Branca Edmée Marques**

Postal address **1600-276 Lisboa**

Skype name **skype name**

Website **<http://www.igot.ulisboa.pt/>**

Study areas

Countries **Portugal**

Region **Lisbon Metropolitan Area, Madeira, North, Center and South of Portugal Mainland**

Topics of last three projects

- 1 FMI 5000 Project - Environmental changes: Fluvio-marine interactions over the last 5000yrs, PTDC/CTE-GIX/104035/2008, from 2010 to 2014, financed by F.C.T., proponent institution Centre of Geographical Studies (CEG) of the University of SECDA – Solutions for Environmental Contrasts in Coastal Areas, European Commission (Project n°: 244251 FP7- ENV.2009.2.1.5.1), from 2010 to 2013.
- 2 DISASTER Project - GIS database on hydro-geomorphologic disasters in Portugal: a tool for environmental management and emergency planning, PTDC/CS-GEQ/103231/2008, from 2010 to 2013, financed by F.C.T., proponent institution Centre of
- 3

Envisioned activities in Commission

attend/ organise meetings **yes**

contribute to publications **yes**

read newsletter **yes**

joint research, collaboration **yes**

Other (please specify)

Research interests in water (select maximum 10)

Climate & Water	Hydrological extreme events	Water flow	Surface water	Ground water	Marine Environment	Aquatic habitats/ Ecosystems	Water availability
Water in arid areas	Floods ☒	Catchment processes ☒	Limnology	Soil water	Coastal waters	Wetlands	Water utility
Arctic water	Droughts	Run-off generation	Fluvial dynamics ☒	Karst water ☒	Estuarian waters	Lakes	Water storage
Water cycle ☒	Ice phenomena	Groundwater-Surface water interactions	Continental scale processes ☒	Hydrogeology		Peatlands	Dams / Reservoirs
Atmospheric water		Hyporheic processes	Dams / Reservoirs	Recharge		Rivers	Water scarcity
Glaciers & Cryosphere		Interstitial water	Sediments				Supply & Distribution
		Porwater	Rivers ☒				Water allocation
		Alluvial water	Floodplains ☒				Water restrictions

Modelling and GIS	Water quality	Water & Health	Water & Energy	Water management/ policy	Water use	Water Law & Economics	Socio-political aspects
Hydro GIS	Pollution	Water & Sanitation	Water-Energy nexus ☒	Integrated Catchment management ☒	Urban	Water trade	Water history
Groundwater modelling	Purification	Water & Food	Water for energy	Integrated water resource management	Agricultural	Virtual water	Water wars
Surface water modelling	Hydrochemistry	Waterborne diseases	Energy for water	Water loss	Mine water	Privatisation	Water & Poverty
Remote sensing	Treatment	Drinking water	Water, Food & Energy	Reticulation & Supply	Industrial	Water as public good	Access to water
	Desalination	Water purification		Transboundary water	Grey water	Right to water	
	Waste water				Green water	Bills & Laws	
	Sewage				Blue water	Affordability	
					Return water		
					Water sustainability		
					Competing water use		

Other (please specify)

other areas of interest

Research interests in water (supply 5 keywords)

Flood risk

Hydroclimatology

Fluvial geomorphology

Drainage Basin Management

Water resources and Geodiversity

Topics of last 10 publications

Publication links

Topics of last 10 publications	Publication links
1 Paiva, I.; Ramos, C.; Cunha, L. (2016) – A especificidade da hidrodinâmica cársica: as exsurgências do bordo ocidental do Maciço de Sicó no contexto da Bacia Hidrográfica do Rio Arunca (KARST HYDRODYNAMIC PARTICULAR BEHAVIOUR: THE SPRINGS OF SICÓ KARST MA	http://hdl.handle.net/10316/32286
2 Trigo, R.; Ramos, C.; Pereira, S.; Ramos, A.; Zêzere, J.; Liberato, M. (2016) - "The Deadliest Storm of the 20 th Century Striking Portugal: Flood Impacts and Atmospheric Circulation", Journal of Hydrology, 541, Elsevier, p. 597-610. ISSN: 0022-1694.	http://dx.doi.org/10.1016/j.jhydrol.2015.10.036
3 Paiva, I.; Ramos, C.; Cunha, L. (2015) - Quantificação e Distribuição Espacial da Recarga no Hidrossistema Cársico de Degradas-Sicó a partir do Método APLIS: abordagem metodológica inicial (Quantification and Spatial Distribution of the Recharge in the D	https://www.researchgate.net/publication/311981772
4 Leal, M.; Ramos, C. (2013) - "Susceptibilidade às cheias rápidas das bacias hidrográficas da AML Norte. Factores de predisposição e impactes das mudanças de uso do solo" (Susceptibility to flooding in Northern Lisbon Metropolitan	http://dx.doi.org/10.18055/Finis3129
5 Paiva, I.; Ramos, C.; Cunha, L. (2012) - "A Aplicação da análise de séries temporais (time series analysis) no estudo da dinâmica hidrológica dos sistemas cársicos. Primeiros resultados para o maciço de Sicó (Litoral-Centro de Portugal)" (Application of t	http://www.periodicos.ufam.edu.br/revista-geonorte/article/view/1951
6 Ramos, C.; Leal, M.; Silva, P. (2011) - "Impactes das barragens nos regimes fluviais: comparação entre Vilarinho das Furnas (hidroeléctica) e Monte Novo (hidroagrícola)" (Impacts of dams on river systems: comparison between Vilarinho das Furnas (hydroele	http://hdl.handle.net/10316.2/31187
7 Ramos, C.; Zêzere, J.; Reis, E. (2010) - "Avaliação da susceptibilidade aos perigos naturais da Região de Lisboa e Vale do Tejo"(Susceptibility assessment to natural hazards in the Lisbon and Tagus Valley Region). Revista Prospectiva e Planeamento, vol. 1	http://www.ceg.ul.pt/descarga/Publicacoes_Download/CRamos/AvaliacoesusceptibilidadeperigosnaturaisReg%C3%A3oLisboaValeTejo.pdf
8 Ramos, C.; Ramos-Pereira, A.; Azevedo, T.; Sanchez-Cabeza, J. (2009) – Aplicação dos Isótopos Radioactivos 210Pb e 137Cs na Avaliação de Taxas de Sedimentação em Planícies aluviais. O caso da Lezíria do Tejo (Application of Radioactive Isotopes 210Pb and	https://www.researchgate.net/publication/311965716
9 Ramos, C. (2009) – "Dinâmica Fluvial e Ordenamento do Território (Programa de Unidade Curricular do 2º ciclo)" (River Dynamics and Spatial Planning Master's book). SLIF- 6, Centro de Estudos Geográficos da Universidade de Lisboa, Lisboa, 96p. ISBN: 978-97	http://www.ceg.ul.pt/descarga/Publicacoes_Download/CRamos/Din%C3%A2mica.pdf
10 Azevedo, T.; Ramos-Pereira, A.; Ramos, C.; Nunes, E.; Freitas, M.C.; Andrade, C.; Pereira, D. (2007) - "Floodplain sediments of the Tagus River, Portugal: assessing avulsion, channel migration and human impact". In Gary Nichols, Edward Williams, Chris Pao	http://online.lbrary.wiley.com/doi/10.1002/9781444304411.ch21/summary