

CURRICULUM VITAE

IDENTIFICATION

Name: Álvaro Costa
Date of birth: 3 May 1962
Nationality: Portuguese
Marital status: Married, 3 children
Home address Av. da Boavista, 2893 3° Esq
4100-136 Porto
Portugal

Tel: ++ 351 22 6180334

EDUCATION

- 1985** Degree in Civil Engineering
Faculty of Engineering of Oporto University (FEUP)
Options of Territorial Planning and Infrastructures of Communications
- 1986** Post-graduation in 'Urban Planning'
(Jul-Dec) Department of Urban Planning of the Municipality of Oporto (course
financed by the European Social Fund).
- 1992** Master in Transportation
Technical Superior Institute of the Technical University of Lisbon (IST)
Title of dissertation 'Evaluation of Road Safety using the Swedish Traffic
Conflict Technique Analysis'.
- 1995** Master in Economics (scholar part)
Faculty of Economics of Oporto University (FEP)
- 1996** PhD in Transport Economics
Department of Economics of Loughborough University, UK
Title of thesis 'Organisational form and performance of urban public
transport in European metropolitan cities'.
Supervised by Kenneth Button

CURRENT POST

- 2002- Associate Professor in the Faculty of Engineering of Oporto University - Department of Civil Engineering - Division of Planning and Environment.
- 2003- Co-ordinator of the Master in Transportation, Faculty of Engineering of Oporto University.
- 1997- Member of the coordination team of the Master in Planning and Project of Urban Environment, Faculties of Engineering and Architecture of Oporto University.

PREVIOUS POSTS

- 1999-2002 Member of the Board of the Energaia - Municipal Agency of Energy of Gaia
- 1997-2002 Auxiliar Professor in the Faculty of Engineering of Oporto University - Department of Civil Engineering - Division of Planning and Environment.
- 1997-2002 Member of the Board of Sociedade de Transportes Colectivos do Porto, SA (STCP) - Oporto transport operator (April 1997 to November 2002).
- 1998-2001 Member of the Board of the Association for the Museum of Transport and Communications.
- 1992-1997 Assistant in the Faculty of Engineering of Oporto University - Department of Civil Engineering, 2nd Group - Roads and Railways.
- 1991-92 Executive Assessor of the Commission of Installation of the Museum of Transports and Telecommunications, Oporto, (February 1991 to February 1992).
- 1987-90 Director of Representation of 'Cooperativa de Investigação, Sistemas e Estudos para o Desenvolvimento (CISED)' in Oporto, Portugal.
- 1986-92 Assistant Trainee in the Faculty of Engineering of Oporto University, Department of Civil Engineering, 2nd Group - Roads and Railways.

ADMINISTRATION AND OTHER ACTIVITIES AT PORTO UNIVERSITY

- 2003-2004 Coordinator of the Socrates/Erasmus at the Department of Civil Engineering.
- 2002- Responsible for the organisation of the '*Permanent Seminar in Transportation*' (1st Cycle September-December).
- 1995 Representing Oporto University in the Transport Group of the ALFA network of universities.
A pre-project involving students interchanges with Brazil/Argentina/Las Palmas and Le Havre was submitted to and approved by Brussels. We are now preparing the project for submission which will involve training periods in transport firms and authorities and teaching in South America.
- 1992 Involvement in the negotiations of a DRIVE project (VRU) with partners from other European Universities. This was a multi-disciplinary project involving Psychologists (University of Groningen), Modeling (University of Leeds), Safety experts (University of Lund). The field trials were carried out in Portugal (Oporto and Coimbra) and Greece.
- 1991 Responsible for the organisation of the '*Cycle of Conferences in Transportation (Rail, Maritime, Air, Urban, Road Transport)*' (with Professor Pires da Costa) (January to May).
- 1990 Design of the *Laboratory of Traffic Analysis* (with Professor Pires da Costa and Eng^o António Vasconcelos)
The Science Program (EC/Portugal) awarded the grant needed (around £450,000) (September).

PUBLICATIONS

Articles in scientific journals

- 2002 "Public Transit Performance: What do we learn from frontier studies?" *Transport Reviews*, Vol. 22(1), 1-38. (com Bruno De Borger e Kristiaan Kerstens)
- 1999 "Efficiency gains of public transport regulatory changes in Europe", *The Annals of Regional Science*, Vol. 33(4), 425-438. (with Kenneth Button)
- 1997 "Evaluating public transport performance with neural networks", *Transportation Research C*, Vol. 5(5), 301-312. (with Raphael Markellos)
- 1996 'The organisation of urban public transport systems in Western European metropolitan areas', *Transportation Research A*, Vol. 30(5), 349-359.

Articles in Books

- 2004 Relationships between goods distribution and public transport in urban areas, in *Logistics Systems for Sustainable Cities*, ed. Taniguchi, E. and Thompson, Russel, Elsevier, 459-467.
- 1999 Infra-estruturas - Vias de Comunicação e Transportes, em *´Região Norte de Portugal - Actualizar e aprofundar o conhecimento´* editado por Santos, L. D. e Bessa, D., Edições Afrontamento, 29-35.
- 1998 "Public transport efficiency and effectiveness: Metro de Madrid" in *´Transport Networks in Europe: Concepts, analysis and policies´* ed. Button, K., Nijkamp, P. e Priemus, H., Edward Elgar, 248-264.
- "A organização dos transportes públicos nas áreas metropolitanas europeias" em *´Contribuições para o Desenvolvimento da Cidade´* editado por Antunes, A. P., DEC-FCT, Universidade de Coimbra, 443-454.

CONSULTANCY

- 2004- Coordinator of the Installation of a Transport Observatory in the Metropolitan Area (with EMME/2), STCP (Bus Operator in Porto) and Department of Transportation, FEUP.
- Coordinator of the agreement between the Faculty of Engineering of University of Porto and SPdH-Handling Company, FEUP.
- Coordinator of the Study - Performance Evolution in STCP, FEUP.
- 2003-2004 Collaboration in the study "Logistics and Periferies" commissioned by the Commission of Coordination of the Region North of Portugal to EGP (Porto Business School), IBM and INEGI.
- Coordinator of the Study on Transport Infrastructures in the North of Portugal, Association of Constructors (AICCOPN), Institute of Construction.
- 2002-2004 Coordinator of the agreements between the Faculty of Engineering of University of Porto and TAP- Air Portugal.
- 2000-01 Coordinator of the contract between the Faculty of Engineering of University of Porto and Commission of Coordination of the Region North of Portugal (CCRN).
- 1999 Nominated by the Portuguese government member of the commission of the National Railway Institute to Develop a strategy for the railway corridor Lisbon-Porto (MEPAT nº 10.990/99 (2nd series) of 11/5/99).
- 1997 Consultant of Ferbritas at Metro do Porto (January to March).
- 1993 Collaboration on the Socio-Economic Study of the Metropolitan Area of Oporto commissioned by the Commission of Coordination of the Region North of Portugal, Center of Studies of the Catholic University of Oporto.
- Collaboration on the preparation of the consultation for the Plan of Port of Leixões, Matosinhos, Faculty of Engineering of Oporto University.
- 1991 Collaboration on the study 'Characterization of the road network of Oporto' commissioned by the Municipality of Oporto, Faculty of Engineering of Oporto University (March).
- Collaboration on the 'Study of Urban Traffic Control Systems' ordered by the Municipality of Oporto, Faculty of Engineering of Oporto University (December).
- 1990 Collaboration on the 'Traffic Study - Sonae - Maia', Faculty of Engineering of Oporto University (December).

- 1989-90** Responsible for several Traffic Studies commissioned by the chain of supermarkets Modelo-Prisunic related to the construction of larger commercial areas in S. J. da Madeira, Viseu e Portimão, CISED.
- 1989** Collaboration on the 'Pilot Mobility Survey' commissioned by the STCP, CISED.
- Responsible for the Traffic Study of the Expansion of the Hypermarket Continente of Matosinhos and of block of offices, CISED.
- Responsible for the Traffic Study of the Urbanisation Quinta das Sedas - Efanor, Matosinhos, CISED.
- 1988** Collaboration on several studies carried out by the Cooperativa de Investigação, Sistemas e Estudos para o Desenvolvimento (CISED) for the Serviços de Transportes Colectivos do Porto (STCP) - the urban transport operator in Oporto.
- Collaboration on several projects for Exponor (Park of Expositions), Matosinhos, CISED.
- 1987** Collaboration on the final version of the Urban Plan of Oporto, with the technical contribution in the 'Transport networks' (May).
- Collaboration on the study of 'Impact of installation of tools in the motor ways of the Metropolitan Area of Oporto', contracted by the Commission of Co-ordination of the Northern Region of Portugal.
- 1986** Collaboration on the Proposal of Urban Plan to Oporto, in the part of 'Transport system and networks' (August).

OTHER

- 1985** Prize 'Bonfim Barreiros'
Awarded by Oporto University
(for best results in Infrastructure of Communications)

Porto (Portugal), November 2004