

Curriculum Vitae

Name:

Dr Maria Attard nee Bonavia

A.L.C.M., B.A. Hons, M.A., Ph.D. (Lond.), F.R.G.S

Address:

18, St. Andrew's Street
Lija, LJA1522, Malta

Identity Card No:

64875 (m)

Nationality:

Maltese

Date of Birth:

5th January 1975

Personal Web-pages:

<http://staff.um.edu.mt/maria.attard/home>

(March 2012)

Education and Training

- February 2009 Study Programme on Public Transport Regulation and Management. Organised by the Land Transport Academy, Singapore. Supported by the Small States Network for Economic Development, World Bank. 15th – 21st.
- June 2008 Workshop ‘Teaching with GIS’. Organised and supported by the HERODOT Network (EU Funded Socrates Programme). Albena, Bulgaria 13th-17th.
- March 2006 Professional development course (Neuro-linguistic programming) organised by the Malta Transport Authority and delivered by **New Training Dynamics**, Malta.
- June 2003 Professional development courses (management skills) organised by the Malta Transport Authority and delivered by **MISCO Training**, Malta.
- 2000 - 2006 **Ph.D.** in Geography at University College London (UCL), UK
Title of Thesis: Coping with Change: The problems of adopting sustainable transport policies in the small island state of Malta.
- 1997 - 2000 **M.A.** in Geography *with Distinction*
Mediterranean Institute, Faculty of Arts, University of Malta.
Title of Dissertation: Transport and Urban Growth: The effects of transport and urban development in Malta.
- 1993 - 1997 **B.A. Hons** in Geography (CMS) *Summa cum Laude*
Mediterranean Institute, University of Malta.
Title of Dissertation: The effects of transport in St. Venera: A case study.
- Sept 1996 International Course: *The Mediterranean Environment: An Overview*, organised by the International Environment Institute of the Foundation for International Studies, Valletta.
- May 1996 Training Programme: Beach Management in the Mediterranean and Black Sea, organised by Euro-Mediterranean Centre on Insular Coastal Dynamics (ICod), Foundation for International Studies, University of Malta, MEDCOAST Secretariat, Middle East Technical University, Turkey (through the MedCampus programme of the EC), University of Glamorgan, Wales and the Intergovernmental Oceanographic Commission / UNESCO.
- March 1996 Short Course: Malta’s River Valleys organised by Dr SM Haslam M.A., Ph.D., Sc.D. (Cantab.)
- Dec 1995 Short Course: Natural Marine History, organised by the Society for the Study and Conservation of Nature (SSCN).
- April 1992 Diploma of Associate to the London College of Music
- 1991 - 1993 Gan Frangisk Abela, Upper Lyceum, Msida
Advanced Level Qualifications:
Maltese, Italian, Music, **Geography**, Religion, Systems of Knowledge
- 1986 - 1991 Maria Regina Junior Lyceum, Blata l-Bajda
Ordinary Level Qualifications:

Maltese, English, Italian, Spanish, French, Mathematics, Physics, **Geography**, Religion, Social Studies, Music, History of Malta

1979 - 1986 Primary School: Our Lady Immaculate School, Hamrun.

Working Experience

- June 2011 Academic Coordinator of the International Summer School in Spatial Data and Geographic Information Systems, organised by the Institute for Sustainable Development, University of Malta and University College London (UCL) 10th – 17th June 2011, Malta.
- Mar 2011 – to date Full-time Senior Lecturer with the Geography Department within the Mediterranean Institute at the **University of Malta**.
- July 2010 Academic Coordinator of the International Summer School in Spatial Data Management and Geographic Information Systems, organised by the Institute for Sustainable Development, University of Malta, University College London (UCL) and University of Portsmouth 9th – 16th July 2010, Malta.
- Oct 2009 – to date Director of the **Institute for Sustainable Development**, University of Malta.
- July 2009 Academic Coordinator of the International Summer School in Geographic Information Systems, organised by the Malta University Holding Company, Foundation for International Studies Ltd and University College London (UCL). 27th – 31st July 2009, Malta.
- 2008 – 2009 Consultant on Transport Policy and Strategy with the **Ministry for Infrastructure Transport and Communication (MITC)**. Develop transport strategy and document transport policy for Malta.
- July 2008 Academic Coordinator of the International Summer School entitled Geographic Information Systems and Spatial Data Infrastructures in preparation for INSPIRE, organised by Malta University Holding Company, Foundation for International Studies Ltd, Aalborg University and Dublin Institute of Technology. 14th – 25th July 2008, Malta.
- February 2007 Visiting lecturer at the Transport Studies Group, Department of Civil and Building Engineering, **University of Loughborough**, UK.
- 2002 – 2008 Consultant on Transport Policy, Planning, Programming and Statistics within the **Malta Transport Authority (ADT)** Transport policy formulation (Land Transport White Paper), compilation of data and the setting up of a transport geographic information system (TGIS), statistics database, research, and overall integration of policy for the ADT's four operational directorates.
- 2000 – 2011 Full-time Lecturer with the Geography Department within the Mediterranean Institute at the **University of Malta**. Co-ordinating lectures and administration work for the GIS Laboratory, in collaboration with the Computing Services Centre. Lecturing undergraduates and graduate students on Geographic Information Systems, Transport Geography, Urban Studies and Field Techniques. Graduate and undergraduate

dissertation tutor. Advisor to staff and students on the use of GIS in research projects and dissertations. Lecturer for the Faculty of Arts, Faculty of Sciences, Department of Archaeology, International Environment Institute, Department of Tourism Management (Faculty of Economics, Management and Accountancy) and UOM Gozo Centre.

- 1999 – 2000 Laboratory Co-ordinator, GIS Laboratory, **University of Malta**.
Daily administrative work related to the GIS Laboratory in co-operation with the Computing Services Centre. Lecturing undergraduate and graduate students on Geographic Information Systems (GIS), Transport Geography and History of Mediterranean Civilisation. Advise to individual students regarding the use of GIS software in their final year dissertation. Research related mainly to the collection and entry of digital data, mainly using ArcView GIS Software.
- 1998 – to date Chairperson and member of the **MATSEC** O-Level and Intermediate Examination Board for Geography.
- 1997 – 1999 Research Assistant, GIS Laboratory, **University of Malta**.
Assisting Mr. John Abela (former Lab Co-ordinator) with the lecturing load of the Lab, the practical sessions and tutorials within the GIS credits. GIS seminars to academic staff. Research related to different GIS software and the digital data. The compilation of a Business Plan for the GIS Lab.
- 1996 – 1997 Transport Consultant, **EKOplan**, Msida.
Transport research, data collection and analysis – compiling TISs and EIAs (see list of projects below).
- 1993 – 1997 **Office of the President**, Valletta.
Summer student worker, vetting laws and inventorying Presidential Palaces.
- 1996 – 1997 **Data-byte Computer Services**, Balzan.
Part-time clerk and typist.
- 1992 – 1996 **Plaza Hotels**, Sliema.
Part-time front-desk receptionist.
- 1991 – 1992 **Department of Libraries**, Beltissebh and Hamrun
Summer student work with library duties at Beltissebh and Hamrun library.

Teaching portfolio (University of Malta)

- GEO1015 Fieldwork in Human Geography
GEO2036 Introduction to GIS-T (sole lecturer)
GEO1025 Movement of People (sole lecturer)
GEO1026 Transport Policy and Planning (sole lecturer)
CIS3030 Scientific and Quantitative Aspects of I.S.
CIS3084 Mobile Device Programming
GEO1028 Population, Culture and Society I
GEO1029 Population, Culture and Society II
GEO2035 Geographic Information Systems
GEO2072 Skills in Geography III
GEO3006 Settlement and Urbanisation
GEO3021 Mediterranean Sustainability and Development

GEO3027	Transport Geography (sole lecturer)
GEO3085	Geography of the Maltese Islands
GEO5017	Geography as lifestyle, space, place and tradition
ISD5001	Principles of GIS (sole lecturer)
ISD5101	Research Methods
ANT3038	Ecology and Culture in the Mediterranean
TRS2281	Travel and Transportation Management
BIO3090	Environmental Applications, Informatics and Management
ISD5005	Managing Geographic Information Systems (sole lecturer)
ISD5102	Principles of Sustainability
GEO5001	Concepts of Urban Geography
GEO5004	Research Methods I
GEO5202	Transport Issues in the City
GEO2041	Urban and Rural Geography
GEO2042	Socio-geographic aspects of land management
ISD2108	GIS for Land Management
GEOG450/ISAT480	GIS and the Environment (Joint Master's Programme University of Malta – James Madison University, USA.

Affiliations

Adjunct Professor, James Madison University, USA
 Fellow of the Royal Geographical Society (with the Institute of British Geographers)
 Member of the Transport Geography Research Group (TGRG), within the Royal Geographical Society (IBG).
 Associate of the London College of Music (A.L.C.M.)
 Member, World Conference on Transport Research Society (WCTRS)
 Member, NECTAR (Network on European Communications and Transport Activities Research)

Languages

Fluent in reading, writing and speaking Maltese, English and Italian
 Good reading and basic speaking in French and Spanish

Other commitments

Member, Resilience in Education - Project coordinated by the Euro Centre for Educational Resilience & Socio-Emotional Health, University of Malta. Coordinator of Group 4, Access to University.
 Coordinator, Transport Information System and Telematics (TISTA) Research Group, University of Malta.
 Parent Governor, Board of Governors, Convent of the Sacred Heart Foundation School, St Julian's Malta.
 Member on Senate, University of Malta.
 Domain Committee Member COST Programme, Transport and Urban Development (TUD) Domain, European Commission.
 Scientific expert (Malta), Urban Europe Joint Programming Initiative (JPI), EC.

National Contact Point, Joint Research Centre (JRC), European Commission.
Faculty on the Joint Masters in Sustainable Environmental Resource Management (SERM)
organised by the University of Malta and James Madison University.
Committee Member and Coordinator of Cluster 2 of NECTAR (Network on European
Communications and Transport Activities Research)

Past commitments

Project Evaluator, Urban Regions in the Delta Funding Programme 2011 (second round),
Netherlands Organisation for Scientific Research (NWO Social Sciences), November 2011.
Member of the Sustainable Urban Travel Working Group within the European Conference
for Ministers of Transport (ECMT) (2002-2006)
Member of the Working Group on Transport Statistics of the United Nations Economic
Commission for Europe (UNECE) (2002-2005)
Member of the Steering Group for HERODOT, the European Network for Geography in
Higher Education (2003-2006)
National expert on the European Commission DG TREN Community Road Accident
Database (2002-2008)
Member of the Malta National Commission for Sustainable Development (NCSD) (2004-5)
Member on the Clean Air Committee, Government of Malta (2004-2009)
National expert on the Transport Environment and Health Group under the auspices of the
Government of Malta and the World Health Organisation (2004-2009)
Leader of Thematic Pillar 2: Promotion of Geography in the 21st Century. HERODOT
Thematic Network (2006-2009)
Expert to the National Committee for the preparation of the 2nd National Communication to
the UNFCCC for Malta (2009)
Vice-President, European Association of Geographers (EUROGEO) (2009-2010)

Journal Reviewer

Environment and Planning B Planning and Design (Elsevier)
Tourism Management (Elsevier)
Journal of Transport Geography (Elsevier)
ICE (Institute of Civil Engineers) – Transport (ICE)
Island Studies Journal
Human Geographies

Awards

International GIS Educator Award 2008 awarded by Environment Systems Research
Institute (ESRI) Redlands, California. Award includes financial support for attending and
presenting work at the Annual GIS Education Conference in San Diego, August 2008.

Projects / Consultancies

Rapporteur - **COST Action TU1102, Towards Autonomic Road Transport Systems**

Member - **COST Action TU0803, Cities Regrowing Smaller - Fostering Knowledge on Regeneration Strategies in Shrinking Cities across Europe.**

Project Leader – **Assessment of key success indicators for the Public Transport Reform in Malta.** Project run under the auspices of the Institute for Sustainable Development for Transport Malta. Dec 2010-16.

Project Leader – **Green Travel Plan for the University of Malta.** Project run under the auspices of the Institute for Sustainable Development in collaboration with the Director, Estates and Works, University of Malta. Oct 2009 to date.

Project Leader – Twinning Project funded by the Small States Network for Economic Development (World Bank) **Assistance in Public Transport Reform: Building of Regulatory Capacities at the Malta Transport Authority.** Project Reference TP MLT 01 Land Transport Authority, Singapore – Ministry for Infrastructure, Transport and Communications, Malta Feb 2009.

Public Transport Reform - Taxi. Ministry for Infrastructure, Transport and Communications (MITC) 2008.

Public Transport Reform. Ministry for Infrastructure, Transport and Communication (MITC) 2008.

Tender for the operation of **trackless trains services.** Malta Transport Authority, Malta. 2008 (re-issue)

Tender for the provision of **transport services** at the Park and Ride in Hornworks and Crownworks Ditch, Floriana, Malta. 2008 (re-issue)

Tender for the provision of **transport services** at the Park and Ride in Hornworks and Crownworks Ditch, Floriana, Malta. 2007

Collaboration with the Malta Centre for Fisheries Studies on mapping fishing activities in the Mediterranean, Malta, 2007.

Mediterranean Training and Information Centre (**METIC**). University of Malta. Project funded under Interreg III. 2006-2007

Tender for the operation of **trackless trains services.** Malta Transport Authority, Malta, 2007.

Tender for the operation of a **Park and Ride** site and service in Blata l-Bajda. Malta Transport Authority, Malta, 2007.

PT ACCESS Public Transport System's Accessibility for People with Disabilities in Europe. Country expert. Call identifier FP6-2005-SSP-5A; Priority Area 2.4, Task 1

PAGUS Component IIC INNOTRANS. Component leader on the feasibility of Bus Rapid Transit (BRT) in Malta, 2005-2007.

Tender document for the construction, operation and management of **Vertical Transport Infrastructure** and car parking facilities in Lascaris and Landfront ditches, Valletta. Malta Transport Authority, Malta, 2007.

Pedestrianisation of Merchant Street, Valletta, Malta Transport Authority, Malta, 2007.

SUPREME Summary and Publication of Best Practices in Road Safety in the Member States. Contract number TREN/E3/27-2005. Country expert.

Tender document for the provision of **electric minicab services** in Valletta. Malta Transport Authority, Malta. 2006

Tender document for the provision of a **sight seeing tour service using open-top buses**. Malta Transport Authority, Malta. 2006

Tender document for the provision of **sea ferry services**. Malta Maritime Authority, Malta. 2006

Expression of Interest for the operation of **trackless trains** in Malta. Malta Transport Authority, Malta 2006

Tender document for the provision of a **Controlled Vehicular Access System** in Valletta. Contracts Department/Malta Transport Authority, Malta. 2005

Preparation of a White Paper for the **Valletta and Floriana: A Strategy to Improve Accessibility**, Government of Malta, 2005.

SAFETY-NET Building a European Road Safety Observatory. Contract number TREN-04-FP6TR-S12.395465/506723 Country Expert

Tender document for the operation of a **Park and Ride** in Floriana. Malta Transport Authority, Malta. 2005.

ENTRANCE Analysis of the national transport policies of the New Member States and their impact on Community transport objectives. Contract Number TREN/B1/21-2004. Country expert.

Member of an expert group preparing a report for the Government of Malta on Transport Environment and Health, 2004.

Consultant to the Ministry for Urban Development and Roads and the Ministry for Rural Affairs and the Environment on a Committee to review Car Free Day, 2004-5.

MEDA TEN-T Research Project funded by the European Commission DG Research. Contract number ICA3-CT-2002-5006. Partner and country expert.

Traffic Impact Statements and Traffic Studies

2000	Sliema Luqa	Fortina Hotel extension in Tigne Point Development at the Malta International Airport
1999	Mellieha Msida Sliema Hamrun	Traffic study commissioned by the Mellieha Local Council Mater Dei Hospital Project Re-development of the Union Club Commercial development
1998	Sliema Mellieha Marsaxlokk	Manoel Island and Tigne Point Project Residential development Sans Souci Hotel
1997	Sta. Venera Sliema	Commercial and office development Residential development
1996	Hamrun	Data collection exercise for the Hamrun Local Council
1999	White Rocks	Land Use Survey for re-development of holiday complex
1998	Mellieha	Traffic Study for the EIA of a New Petrol Station

Professional Service/Contributions to Public Documents

- 2009 **Technical Report** submitted to the Small States Network for Economic Development (SSNED) – World Bank on the Twinning Project **Assistance in Public Transport Reform: Building of Regulatory Capacities at the Malta Transport Authority**. Project Reference TP MLT 01 Land Transport Authority, Singapore – Ministry for Infrastructure, Transport and Communications, Malta
- 2008 Ministry for Infrastructure, Transport and Communications. **Public Transport Reform – Unscheduled Public Transport** (co-author).
- 2008 Ministry for Infrastructure, Transport and Communications. **Public Transport Reform – Taxi** (co-author).
- 2005 Government of Malta. **Guidelines for Implementing Green Travel Plans in Government Departments and Authorities** (co-author).
- 2005 Government of Malta. **Valletta and Floriana – A Strategy to Improve Accessibility** (co-author).
- 2004 Malta Transport Authority. **White Paper on Sustainable Land Transport for Malta**.

Publications

- Ison, S.G., **Attard, M.** *Under review* The Smeed Report and Road Pricing: the case of Valletta, Malta.
- Attard, M.** *Under review* Reforming the Urban Public Transport Bus System in Malta: Approach and Acceptance.
- Attard, M.**, Schembri, J.A. (2011) Malta: GIS and Geography Teaching in the Context of Educational Reform. In International Perspectives on Teaching and Learning with GIS in Secondary Schools. Milson, A.J., Demirci, A., Kerski J. (eds). Springer.
- Bajada, T., **Attard, M.** (2011) Using GIS as a tool to improve road safety. In Borg, R.P. et al. (eds) Sustainable Development: Civil Engineering and the Built Environment. Proceedings of an International Conference. Malta.
- Attard, M.** (2011) A preliminary assessment of the Park and Ride Scheme in Floriana, Malta. In Borg, R.P. et al. (eds) Sustainable Development: Civil Engineering and the Built Environment. Proceedings of an International Conference, Malta.
- Attard, M.**, Enoch, M.P. (2011) The role of policy transfer in the introduction of road pricing in Valletta, Malta. Transport Policy. Vol. 8/2 pp 544-553.
- Attard, M.** (2010) Thematic Networks as Toolboxes: The case of the HERODOT Network for Geography in Europe. Documents d'Anàlisi Geogràfica. Vol. 56/2 pp 325-357.
- Attard, M.**, Ison, S.G., (2010) The Implementation of a Road User Charge – The Case of Valletta, Malta. Journal of Transport Geography. Vol. 18/1 pp 14-22.
- Donert, K., Ari, Y., **Attard, M.**, O'Reilly, G., Schmeinck, D. (eds) (2009) Geographical Diversity. Herodot Thematic Network for Geography in Higher Education. Vol. 9 in Geography in European higher education.

- Attard, M.**, (2007) Developing undergraduate GIS study-units. In Donert, K. (ed) GIS in Europe. HERODOT Network Publication.
- Attard, M.**, Enoch, M.P., (2007) Valletta dumps V-licence for state-of-the-art road pricing scheme. *Traffic Engineering and Control*. Vol. 48/6 pp 262-264.
- Schembri, J.A., **Attard, M.** (2007) Manoel Island: An island with a fort... and a future. In Mercieca, S. (ed) *Mediterranean Seascapes*. Malta University Press.
- Attard, M.**, Pace, M. (2006) Gendered Mobility. *Il-Mara*. Newsletter of the National Council for Women, Malta. No. 64. July-September.
- Attard, M.** (2005) Developing undergraduate GIS study-units – the experience of Malta. In Donert, K. and Charzynski, P. (eds) *Changing Horizons in Geography Education*. Herodot Thematic Network for Geography in Higher Education.
- Attard, M.** (2005) Land Transport Policy in a Small Island State – the Case of Malta. *Transport Policy*. Vol. 12/1 pp 23-33.
- Attard, M.** (2004) Snowball Initiative: Sustainable Urban Transport in New Member States - Report on Malta. Snowball Initiative, Brussels, 30th June. Available at <http://www.susmobsnowballs.org/urban/urban.html>
- Attard, M.**, Hall, D. (2004) Transition for EU Accession: The Case of Malta's Restructuring Tourism and Transport Sectors. In Hall, D. (ed) *Tourism and Transition*, CABI International.
- Attard, M.**, Hall, D. (2003) Public transport modernisation and adjustment to EU accession requirements: the case of Malta's buses. *Journal of Transport Geography*, Vol. 11/1 pp 13-24.
- Attard, M.**, Hall, D. (2002) Transition for EU Accession: The case of Malta's restructuring tourism and transport sectors. *Proceedings for Tourism Research 2002, an International Conference on Tourism organised by University of Wales Institute, Cardiff, UK.*
- Holcomb, B., **Attard, M.** (2001) Islands in the (Cyberspace) Sun: Marketing Islands for Tourism Online. In *Tourism*. September.
- Attard, M.**, Schembri, J. (1999) The Role of Transport in Urban Environments. *Proceeding of the International Seminar on Atmospheric Pollution organised by the Department of Physics at the University of Malta.*

Conference Proceedings / Presentations / Posters

- Attard, M.** (2012) The promise of accessibility: the application of road pricing in Valletta, Malta. Presented at the Association of American Geographers (AAG) Annual Meeting, New York, USA, 23rd-28th February.
- Attard, M.** (2012) Car ownership, mode choice and the future of electric mobility in island states. Presented at the NECTAR Cluster 2 Meeting: Urban and Regional Transport: Regulation, Sustainability, E-mobility, 10th-11th February
- Attard, M.** (2011) Sustainable Tourism: A key for competitiveness ? Presented at the SLOWTOUR Final Conference, organised by the Università' di Perugia, Passignano sul Trasimeno, Umbria, Italia, 25th November. Project Reference: ENT/CIP/09/B/N06S00 'Reti della conoscenza per la competitività e la sostenibilità del turismo europeo'.

- Attard, M.** (2011) ITS in Urban Areas: the case of Valletta, Malta. Presented at the CONNECTBALTICA Inauguration Convention, Tallinn University of Technology, Tallinn, Estonia. 11th November.
- Schembri, J.A., **Attard, M.**, (2011) Change and permeability in Mediterranean boundaries: a geographic perspective. Presented at the International Conference on Border Securities, Human Experiences (Enacting Laws and Policies, Embodying State Practices), organised by the University of Malta, Bugibba, Malta, 28th October.
- Attard, M.**, Bajada, T. (2011) Green Travel Plans: An opportunity for Sustainable Mobility. Presentation at the open day for TRANSit, organised by the Fondazzjoni Temi Zammit as part of the TRANSit Project, an EU funded project on Mediterranean Intermodal Transit, University of Malta, Malta, 12th September.
- Chetcuti Zammit, L., Scerri, K., **Attard, M.**, Bajada, T., Scerri, M. (2011) Spatio-Temporal Analysis of Air Pollution Data in Malta. Paper presented at 11th International Conference of GeoComputation 2011, organised by the GeoComputation Community, University College London, UK, 20th – 22nd July.
- Attard, M.** (2011) Research in Transport: the case of Malta. Presentation made at the TransNEW Project South Balkans and Mediterranean: Transport Research Capabilities and Potentials Workshop. Istanbul, Turkey, 3rd June. TransNEW is a Support Action under the European Commission Seventh Framework (2007-2013) Theme TPT.2008.8
- Attard, M.** (2011) Critical success factors for reforming public transport systems: the case of Malta's bus service. Paper presented at the NECTAR 2011 Conference Smart Networks – Smooth Transport – Smiling People, organised by NECTAR (Network on European Communications and Transport Activities Research), University of Antwerp, Belgium, 18th – 20th May.
- Attard, M.** (2011) A preliminary assessment of the Park and Ride scheme in Floriana, Malta. Paper presented at the International Conference Sustainable Development: Civil Engineering and the Built Environment, organised by the Kamra tal-Periti (KTP) Chamber of Architects and Civil Engineers and the European Council for Civil Engineers, Valletta, Malta, 5th May.
- Bajada, T, **Attard, M.** (2011) Using Geographic Information Systems as a Tool to Improve Road Safety. Paper presented at the International Conference Sustainable Development: Civil Engineering and the Built Environment, organised by the Kamra tal-Periti (KTP) Chamber of Architects and Civil Engineers and the European Council for Civil Engineers, Valletta, Malta, 5th May.
- Attard, M.**, Haklay, M., Ellul, C. (2010) Supporting Sustainability through geographic information and public participation – Civic science and stakeholder involvement in the Eco Gozo project. Paper presented at the International Conference on Ecological Landscape Modelling and Management for Mediterranean Islands, organised by the Anhalt University of Applied Sciences, Gozo, Malta, 21st – 23rd October.
- Ison, S.G., **Attard, M.** (2010) Smeed Report Requirements for a Road Pricing System: the case of Valletta, Malta. Poster presented at the Transportation Research Board 89th Annual Conference held in Washington, D.C., USA, 10th – 14th January.
- Attard, M.** (2009) The Impact of a Public Transport Reform on Tourism in Malta. Presentation for the Workshop on Tourism: Recent Research and Work in Progress on

- Tourism, organised by the Department of Tourism, University of Malta. St. Julian's, Malta, 24th September.
- Attard, M.,** Enoch, M.P. (2009) Role of Policy Transfer in the Introduction of Road Pricing in Valletta, Malta. Paper presented at the WCTRS SIG10 Workshop on the Transferability of Urban Transport Policy. Goteburg, Sweden, 18th April.
- Pulis, M., **Attard, M.** (2008). Exploring the shortest route options: Applying Environmental Indicators to Calculating Shortest Route. Paper presented at the 2008 WICT Conference, University of Malta, Malta, 17th – 18th November.
- Donert, K., **Attard, M.** (2008) Promoting Geography: whose role in ensuring lifelong Geography for all? Paper presented at the Annual Conference of the Royal Geographical Society with the Institute for British Geographers. August 27th – 29th. Royal Geographical Society, London, UK.
- Attard, M.** (2008) Applying Problem Based Learning to teaching GIS in Higher Education. Paper presented at the 2008 ESRI Education User Conference, San Diego, 2nd – 6th August.
- Attard, M.,** Ison, S.G., (2008) The Implementation of a Road User Charge – The Case of Valletta, Malta. Paper presented at the Transportation Research Board 87th Annual Conference, Washington, D.C., USA, 12th – 18th January.
- Schembri, J.A., **Attard, M.,** (2007) Empowering young female geography graduates in Malta for ocean and coastal management. Proceedings of the Pacem in Maribus XXX11. 5th-8th November 2007.
- Attard, M.,** (2007) The Challenges of Promoting Geography. Paper presented at the EUGEO2007 conference organised by the European Association of Geographical Societies. August 2007. Amsterdam.
- Attard, M.,** Ciantar, T. (2007) Spatial Road Accident Data: its use and application for road safety. Paper presented at the Annual Conference of the Royal Geographical Society with the Institute for British Geographers. August 2007. Royal Geographical Society, London, UK.
- Schembri, J.A., **Attard, M.,** (2007) Developing transitional geographies through fieldwork. Paper presented at the international conference *Changing Geographies: Innovative Curricula* organised by International Geographical Union (IGU) Commission for Education and HERODOT, Institute for Education, London 10th – 11th April.
- Attard, M.,** Childs, R. (2007) Pagus Component 3C – INNOTRANS A BRT study for the Maltese Islands. The Valletta Conference for Sustainable European Transport Systems. Funded by Interreg IIC. Organised by the Malta Transport Authority. Malta. 2nd-3rd April.
- Attard, M.,** (2006) Sea Ferries and their role within the Valletta Strategy. Public Consultation meeting for the launch of the tender for the provision of Sea Ferry services to Valletta. Malta Maritime Authority, Malta. 5th December.
- Attard, M.,** Delia, E. (2006) The Valletta Strategy. Annual conference on Improving Access to Valletta. A Strategy for Malta. Chartered Institute for Logistics and Transport (CILT) Malta, 27th October.
- Attard, M.** (2005) Developing undergraduate GIS study-units. The experience of Malta. Paper presented at the International Conference Changing Horizons in Geography

- Education, organised by the HERODOT Network and EUROGEO, Torun, 2-5 September.
- Attard, M.** (2004) Malta: Improving Seat Belt Use. Paper presented at the Best in Europe Conference 2004, organised by the European Transport Safety Council (ETSC), Brussels, 27 October.
- Schembri, J.A., **Attard, M.** (2004) Manoel Island: An Island with a Fort and a Future. Paper presented at the International Conference La Navigation du Savoir, organised by the Network of Historical Arsenals in the Mediterranean and supported by the European Union, the University of Malta and UNESCO, Malta, 10-17 October.
- Attard, M.** (2004) Achieving sustainable mobility for small island states. The case of Malta. Paper presented at the 30th Congress of the International Geographical Union, Glasgow, 15-20 August.
- Attard, M.** (2004) Collection and use of urban travel data – the case study of Malta. Paper presented at the ECMT Sustainable Urban Travel Working Group Task Force on Urban Travel Data, Paris, 28 June.
- Attard, M.** (2003) Understanding why changes in transport policy are problematic in the island state of Malta – a qualitative approach. Paper presented at the RGS-IBG International Annual Conference 2003, London, 3-5 September.
- Attard, M.** (2003) Governments and GIS – the use and perceptions of GI systems in the island state of Malta. Paper presented at the RGS-IBG International Annual Conference 2003, London, 3-5 September.
- Attard, M.,** Hall, D. (2002) Transition for EU Accession: The Case of Malta's Restructuring Tourism and Transport Sectors. Paper presented at the International Conference on Tourism Research, Cardiff, Wales.
- Attard, M.,** Adams, J. (2002) Which Way to Go? Presentation for the discussion workshop on the future of Transport Policy in Malta, organised by the U.M.G.S. at the University of Malta, 10th of May.
- Attard, M.** (2001) Transport Problems, Policy and Perceptions in the Island State of Malta. A study into policy approach using qualitative research techniques and GIS. Presentation for PhD upgrade seminar, UCL, London.
- Attard, M.** (2000) *Less traffic on the road. Reversing the process of car-dependence in Malta* at the Biennial Postgraduate Seminar of the Transport Geography Research Group within the Royal Geographical Society, London, United Kingdom.
- Holcomb, B., Balm, R., Spiteri, A., **Attard, M.,** Holcomb, G. and Cummings, D. (1999) *Islands in the (Cyberspace) sun: The Internet and Remote Island Economies* presented at the International Conference on Cities and the Global Information Society, Newcastle, UK.
- Schembri, J.A. and **Bonavia, M.** (1998) *Changes in the Coastal Population of Malta* presented at the International Conference on Urban Environment in the Mediterranean, Valletta, Malta.
- Bonavia, M.** (1998) *A Geography of St. Venera* presented at the Seminar for the St. Venera Local Council, Mosta, Malta.
- Bonavia, M.** (1996) *The Use of Space through Transport Systems Development* presented at the International Conference on Planning and Environmental Management in Islands and Small States, Valletta, Malta.

Bonavia, M. (1995) *The Urban Development of St. Venera – An Overview* presented at the Seminar on the Local Festa organised by the St. Venera Local Council, Palazzo Costanzo, Mdina, Malta.

Newspaper / Magazine Articles / In the News

Stivala, V. (2011) Bright green ideas. MONEY Magazine, the Eco and IT Issue 08, July/August 2011. [Interview with **Maria Attard**]

Vella, M. (2010) Finding our position. **Maria Attard**, director of the Institute of Sustainable Development, tells Michael Vella how Geographic Information Systems and interdisciplinary research can lead to better decision-making. The Sunday Times Technology Sunday, 23rd May, 2010. [Interview]

Attard, M. (2005) Aiming for a sustainable transport system, The Malta Independent, 20th April.

Ciantar, T. and **Attard, M.** (2004) Life-saving devices Opinion, Times of Malta, 23rd November.

Attard, M. (2004) What is Sustainable Development? Opinion, Times of Malta, 3rd April.

Attard, M. (2002) Polluter-pays principle – can it be applied to land transport in Malta? Opinion, Times of Malta, 6th November.

Web Articles

Attard, M., (2007) A strategy for improving accessibility, Valletta, Malta. ELTIS. 5th November. Available at http://www.eltis.org/study_sheet.phtml?study_id=1609&mainID=458

Attard, M., Ciantar, T. (2007) Spatial Road Accident Data: its use and application for road safety. Malta Association for Geographic Information Newsletter, August. Available at http://www.maltagi.org/members/newsletters_memb.htm

SECBelt Monitor Country Focus, Malta. Issue 6. 2006. European Transport Safety Council (ETSC). 6th October. Available at http://www.etsc.be/documents/SEC_Belt_Monitor_6.pdf

Attard, M. (2006) Tackling young and inexperienced drivers – changing driver testing procedures. CIECA News, 4th October. Available at <http://www.cieca.be/download/MaltaArticleoct06En.pdf>

Attard, M. (2004) National level collection, monitoring and use of urban travel data. Malta. Available at <http://www.maltatransport.com/en/misc/news/papers/ecmturbandatameetingparis1.pdf>

Attard, M. (2004) Snowball Initiative: Sustainable Urban Transport in New Member States Report on Malta. Presented to the Snowball Initiative, Brussels, 30 June. Available at <http://www.susmobsnowballs.org/urban/urban.html>

Bonavia, M. (1997) The Geography of a Town - St. Venera, Malta, Available at <http://www.science.plym.ac.uk/departments/geography/malta/Malta.htm>

Invited Lectures / Seminars / Summer Schools

Urban Transport Problems: Policy and Solutions Public Seminar (invited), Tallinn University of Technology, Tallinn, November 2011.

Sustainable Development and Eco Innovation Lecture, Course Programme entitled Sustainable Innovation for an Enlarged EU organised by MECB Ltd. September 2011, January 2012.

International Summer School in Spatial Data and Geographic Information Systems University of Malta, in collaboration with University College London (UCL), June 2011.

International Summer School in Spatial Data Management and Geographic Information Systems University of Malta, in collaboration with University College London (UCL) and Portsmouth University, July 2010.

Road User Charging in Valletta – Implementing a Strategy Public Seminar (invited), Institute for Transport Studies (ITS), Leeds University, August 2009.

International Summer School in Geographic Information Systems, University of Malta, in collaboration with University College London (UCL), July 2009.

International Summer School Geographic Information Systems and Spatial Data Infrastructures in preparation for INSPIRE. University of Malta, in collaboration with Aalborg University and Dublin Institute of Technology, July 2008.

International GIS Workshop for educators in higher education across Europe, supported by HERODOT and ESRI and hosted by the University of Malta, November 2004.

Sustainable Transport and Energy Consultation Meeting, Development of a National Strategy for Sustainable Development. University of Malta, Malta, October 2004.

Sustainable Mobility, Diploma in Agriculture, MCAST, Malta, May 2004.

Travel and Transport, Diploma in Transport Studies, Chamber of Commerce, March 2004.

Introduction to ArcGIS I, II and Arcview Extensions, GIS Training, IBS Ltd, August 2002.

The Geography of International Relations University of Malta, Gozo Centre, 27th May, 2000.

What is GIS? presented at the Introductory Presentation of AutoCad MAP GIS Software, St. George's Bay, Malta, July, 1999.

Overview of Mediterranean geography and climate and how these have affected agriculture, settlements and movement of people University of Malta, 3rd February, 1999.

GIS Orientation Seminar held for the Computing Services Centre technical staff at the GIS Lab, University of Malta, January 1999.

Introduction to Geographic Information Systems held for the academic staff at the GIS Lab, University of Malta, March, 1998.

Scientific Committees

Member of the Scientific Committee for the conference on **Flow modelling and urban management** organised by IFSTTAR, Lille Grand Palais, France, June 13th-14th, 2012.

Coordinator of the National Conference on **Sustainable Mobility in Malta: Transport Research in Practice**, organised by the Institute for Sustainable Development, University of Malta, Malta, 30th November, 2012.

Postgraduate Supervision

Johann **Attard** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

James **Cassar** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

Annalise **Grech** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

Roberta **Gauci** (*in progress*) Post graduate dissertation supervisor (MA) **University of Malta**

Deborah **Mifsud** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

Rosalie **Camilleri** (*in progress*) Post graduate dissertation co-supervisor (M.Sc) **University of Malta**

Jacqueline **Gatt** (*in progress*) Post graduate dissertation co-supervisor (M.Sc) **University of Malta**

Annalisa **Farrugia** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

Andrea **Pace** (*in progress*) Post graduate dissertation supervisor (M.Sc) **University of Malta**

Alicia **Said** (*in progress*) Post graduate dissertation supervisor (M.A.) **University of Malta**

Thomas **Paris** (2010) *An Assessment of Marine Environmental Quality at the Main Ports (Valletta and Marsaxlokk) in Malta*. Unpublished **M.Sc** dissertation. **University of Malta**. Malta. Co-supervisor.

Matthew **Pulis** (2008) *Exploring the shortest route options: Applying Environmental Indicators to Calculating Shortest Route*. Unpublished **M.Sc.** dissertation. **University of Malta**. Malta. Supervisor.

John **Debono** (2007) *A Proposed Strategy for the Adoption of the new EU Transport Legislation within the Public Transport Sector in Malta*. Unpublished **MBA** dissertation. **Malta Institute of Management**, Malta. Supervisor.

Therese **Ciantar** (2006) *Exploring the relationship between land use and accessibility*. Unpublished **M.A.** dissertation. **University of Malta**. Malta. Supervisor.

Maria **Carbonaro** (2003) *Public transport and tourism in Malta*, Unpublished **M.A.** dissertation. **University of Malta**. Malta. Supervisor.