



curriculum vitae
PERSONAL
INFORMATION

Name, Surname

Mauro Mazzei

Home Address

Consiglio Nazionale delle Ricerche, Istituto di Analisi dei Sistemi ed Informatica (IASI) "Antonio Ruberti", Via dei Taurini, 19 00185 Rome, Italy

Office Address

Telephone

E-mail

mauro.mazzei@uninettunouniversity.net

Nationality

Italian

Place and Date of birth

Rome

WORK EXPERIENCE

December 2008-present

Consiglio Nazionale delle Ricerche (National Research Council), **Institute of Systems Analysis and Computer Science** (IASI) "Antonio Ruberti"

Job position

Staff research scientist

Research areas

Autonomous Systems and Spatial Analysis. Applied ICT:, Geomatics, Geotechnical, Transportation, Remote Sensing, Environment and/or Cultural Heritage

Recent Scientific Activities

Analysis and modeling of domains that relates of Geographic Information Science in the Open Source field, definitions of SDI (Spatial Data Infrastructure) and co-design architectures; analysis, study and testing of Service Oriented Architecture (SOA) systems, Object Oriented Programming, Web Services; analysis and spatial planning through mathematical models of simulation of socio-economic evolution and urban and regional mobility.

- Analysis, study and testing of systems, Service Oriented Architecture (SOA), Web Services
- Analysis and planning by mathematical simulation models of socio-economic development and urban and regional mobility
- Analysis and definition of data clustering models and/or algorithms and remote sensing techniques.
- Analysis and definition of models and/or recognition algorithms in remote sensing techniques.

He is part of the register Reprise experts of the Ministry of University and Research of Legislative Decree no. 297/1999 as an expert in the subject area Civil Engineering and Architecture (surveying and mapping) and Mathematical and Computer Sciences.

He received an advisory contract with the Presidency of the Council of Ministers - Department for Programming and Coordination of Economic Policy (DIPE) in the framework

of the Strategic Project "Indicators for Urban Policies"

He is a member of the Department of Public Functions in the framework of the Operational Objective for Strengthening Operational Structures and Competences in Public Administration PON FESR

Scientific Technical Manager in the following projects:

- Principal Investigator: BEST (Bracelet Embedded Safety True , MISE "HORIZON2020" PON I&C 2014-2020)
- Principal Investigator: MUS&O (MULTisensory & hOLOGraphic, MISE "HORIZON2020" PON I&C 2014-2020)
- Participant at Project EU: INSPIRE INnovative Services for fragile People in RomE – EASI 2014 - PROGRESS AXIS - 2015-2017
- Principal Investigator: TECA (TEcnologia e CulturA, POR FESR Regione Campania – Project Cultural and Creative Lab, 2015-2016)
- Principal Investigator: Project DIRS (Device Infomobility Reference Station): Realization of a device by means of network infrastructure GPS / GNSS can geolocalize mobile devices with extreme precision and integrate mobile information services for the safety and personal protective equipment (PON). Activity 20/02/2014 today. (N°CNR-IASI 92 20/02/2014)
- Scientific coordinator Systems Engineer in Geographic Information Systems Project Census Cartography for the Archaeological of Italy - Geographic Information System for Cultural Heritage (PON). 10/01/2010 – 10/02/2011.
- Participant at: OR 1-2 del Progetto H@H (Health@Home) – Smart Communities for the wellbeing of the citizens (PON Research). (MIUR D. D. 391/Ric del 5 luglio 2012 - N° MIUR SCN_00558)
- Scientific coordinator: CNR-IASI and PRF Projects for research on: analysis and planning by mathematical simulation models of socio-economic development and urban and regional mobility; analysis and planning of public transport systems and urban mobility. (N°CNR-IASI 386 - 11/09/2013)
- Technical report and executive project for the construction of a photovoltaic system as an expert in renewable energy (N° CNR-IPCF 4301 - 03/07/2011)

Name and address of employer

Sector

2008-2010

Job position

Activities

CNR/IASI – Via dei Taurini, 19 – 00185 Roma

ICT, Operations Research, Analysis of Complex Systems

at the National Research Council, Engineering Department - ICT and Technology for Energy and Transport

Staff research scientist

Business management and technical / scientific in the following projects:
- Projects funds PON / ERDF coordination of scientific and technical activities.
- Projects funds FIT / MISE coordination of scientific and technological activities.
- Projects funds FP7 coordination of scientific and technological activities.
- Management and organization of document flow of network-related scientific institutions belonging and participating in the ICT Department.

Name and address of employer

Sector

CNR – Piazzale Aldo Moro, 7 – 00185 Roma

ICT- Management

2000-2008
Job position
Recent Scientific Activities

presso il **Consiglio Nazionale delle Ricerche**, Ufficio Sistemi Informativi Territoriali – Direzione Generale

Staff research scientist

Research, technical / scientific and management in the following projects:

- Manager for the technical knowledge aimed at SIT, cataloging and enhancement of the Italian cultural heritage. Experimentation with sensor multispettrale MIVIS in collaboration with CNR institute / IIA - LARA Project (2003)
- Research project on development of methodologies for cataloging of artistic and cultural interest in the South (2003). (N ° 433 of 13/12/2005 CNR-DG)
- New technologies for the knowledge, study and management, including for employment and new businesses, of artistic and cultural heritage museum in the Province of Catania - Experimental Lidar (2004)
- Experimental methods for the detection, diagnosis and management of the archaeological heritage of the area (2004). (N ° 433 of 13/12/2005 CNR-DG)
- Regional Geographic Information System of the Campania Region (2000-2006 National Operational Programme "Security for the Development of Southern Italy") (2005). (N ° 433 of 13/12/2005 CNR-DG)
- "Project Virtual Museum of Baghdad," participation in the study mission in Dhi Qar province (southern Iraq) as an expert detection techniques geotopografiche. DGPS surveys and acquisition of images to QTVR, reconnaissance territorial and evidence collection sites of Ur, Eridu, Obeid. (2006). (Protocol No. CNR-Office of Corporate Research and Business Agency 18752 of 03/03/2006)
- Research program on "Methodologies for the dissemination network of the Catalogue of cartography and maps multidisciplinary environmental issues of the South" (2006)
- Assignment of supply test in dual-frequency L1/L2 DGPS stations - Directorate General CNR (2007). (CNR-UORAA Protocol No. 19 of 22/10/2005)
- Member of the evaluation committee as an expert cartographer of the National Research Council and a consultant for the project "Geographic Information System territorial Campania." (CNR-DRR/MIBAC Protocol N ° 472/473 of 24/01/2005)
- Assignment of teaching on the use of instrumentation data with DGPS surveys on behalf of the laboratory Topography of the Second University of Naples. (No. CNR-DRR 7/DG-U2 of 24/01/2005)
- Member of the testing application software with the task of expert advisor CNR within the project SIT PON Security Campania. (No. 2267 of the Protocol CNR-DRR/MIBAC 15/11/2004)
- Member of the Board of colaudo software application as a cartographer of the CNR in the framework of the project Campania SIT PON Security (2007). (No. 3016 of the Protocol CNR-DRR/MIBAC 13/12/2004)
- Member of the Committee on the evaluation of bids to tender for the supply HW / SW as an expert consultant in the field of CNR Project Campania SIT PON Security (2007). (N ° 1838 26/03/2003 CNR-DRR/MIBAC)
- Member of the Board of test instrumentation 3D Laser Scanner. (No. 386 CNR-DG/SASIT Protocol of 2006)
- Member of the commission of testing within the project 109 "Methods for the dissemination network in the catalog of cartography and maps multidisciplinary environmental issues of the South." (CNR-DG/SASIT Protocol N ° 382 of 2006)
- Report activities conducted at the National Research Council in 2000-2005. (N ° 433 of 13/12/2005 CNR-DG)

Name and address of employer
Sector

CNR – Piazzale Aldo Moro, 7 – 00185 Roma
ICT applied to Geographic Information Systems

1991 - 2000

Job position

Activity

Name and address of employer

Sector

SystemCart s.r.l.

Technical Manager for the organization of projects and technical developments

- Creation of thematic maps for the use of land to Afghanistan (FAO Project)
- Creation of spacemaps to 50,000 in the territory of Sierra Leone (FAO Project)
- Construction on behalf of the Queens of Emilia Romagna first 50,000 derived from the database of the National Geological Service - CARG Project (SW Development and Porting data from Intergraph, Esri environment).

SystemCart s.r.l. – Via Alessandro Cruto, 16

Remote Sensing, Cartography and Geographic Information Systems computerized

1985 - 1993

Job position

Activity

Name and address of employer

Sector

FAO - Food and Agriculture Organization - UN

Technical Manager with fixed-term contracts

Technical Manager for projects in thematic maps:

- ECWA Region map 1:5,000,000 (Creation of thematic maps).
- Climatic Map resource inventory of Bangladesh 1:500,000 (Creation of thematic maps).
- 18 resource land inventory maps of Bangladesh 1:125.000 (Realization of thematic mapping using remote sensing interpretation).
- 20 maps of coastal outline, water bodies, vegetation polygon, polygon numbering vegetation, countries of Africa 1:5,000,000 (Creation of thematic maps for inclusion in a Arc / Info).

International Organization of the United Nations Food and Agriculture Organization (FAO) - Viale delle Terme di Caracalla

Development and Research, Remote sensing, thematic cartography

EDUCATION AND TRAINING

1981-1982

2007

professional qualifications

Mother tongue/e

Other language

English

High School Diploma Art Section Architecture

He received his MS degree in Environmental and Geomatic Engineering from the University of Rome Guglielmo Marconi of Rome - Thesis title: "GIS, spatial analysis and spatial-temporal planning"

He received his MS degree in Civil and Environmental Engineering from the University of Rome Guglielmo Marconi of Rome - Thesis title: "Analysis and modeling of reticular structures"

License to practice Graduate Surveyor and / or Technical Engineer

Italian

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Listening	Reading
Good	Good	Good	Good	Good

Technical skills and competences

Management of technical projects sitemistica in Information Technology (IT / ICT) applied on: Geographic Information Systems (GIS SW development and project management), databases, spatial analysis, remote sensing multi-sensory (MIVIS, QuickBird, SPOT, ASTER, Landsat, MODIS), classifications, WebGIS.

- Digital Cartography (digital photogrammetry) - Geodesy GPS / DGPS / GNSS
- Mapping (Cartographic Production) implementation of Spacemaps and orthophotomaps, realization of scientific cartography.
- GPR technology to tone and LIDAR - Laser Scanner 3d Model Compare detected (FARO)

Computer skills and competences

- UNIX Client / Server, Windows Client / Server
- IT, Database and Office: European Certification AICA - European Computer Driving Licence (ECDL)
- Intergraph environment: CAD / CAM, Microstation, MGE modules (MGNUC, MGAD, MGMAP, MGE Terrain Analyst, SW ImageStation, SSK, MGFN, MGAL, MGE Analyst, MGGA, MPMAN, Voxel 3D Analyst) Map Publisher, interplot, I / Geovec, GeoMedia Professional, WebMap, OnDemand.
- Remote sensing: ENVI, ERDAS, Iras / B, Iras / C, ISRU, Image Analyst.
- The environment ESRI Arc / Info, arcedit, Arcplot, AML procedures, ArcView.
- Open Source environment: GRASS, Quantum GIS, Geoserver, Mapserver Deegree, Geo Tools, JTS Topology Suite.
- Relational databases: Oracle, Informix, MySQL, NoSQL, Access (PL / SQL, SQL * Plus, ODBC).
- Programming Languages: UNIX Shell Script-VisualC ++, Visual Basic, Java, VB.net, ASP, PHP, Object Pascal-Delphi (customization environments: GeoMedia, MGE, Arc / Info, ArcView, MapObjects).

Methodological keywords

Machine learning, Deep Learning, Clustering Supervised/Unsupervised, classifications, analysis FEA/FEM, spatial modelling, change detection, data fusion, data integration, data mining, edge detection, geomatics, geostatistics, geovisual analytics, image interpretation, image processing, statistical analysis, pattern recognition, NoSQL, data warehouse, spatial analysis, remote sensing, space-temporal modelling, spatial autocorrelation, spatial multicriteria decision analysis, spatial statistical models, viewshed analysis, visual exploratory data analysis

Collaborations and consulting

2016

Consultancy contract at Presidency of the Council of Ministers - Department for Planning and Coordination of Economic Policy (DIPE) within the Strategic Project "Indicators for urban policies"

2016

Registered with the experts of the Department of Public Administration as part of the operational objective to strengthen the operational structures and skills in the Public Administration PON FESR

2012

Consultant of the FAR Register of the Ministry of University and Research of Legislative Decree 297/1999 as an expert in the field of civil engineering and architecture

Collaborations and consulting

2008/2009

Mibac Central Institute of the catalog and documentation - General Command Arma dei Carabinieri - Professional collaboration for the technical scientific coordination of the SITA project "Archaeological Protection Information System" in the context of the PON Safety Program - Protocol No. MIBAC 8610 cl. 13.04.04 / 13 of the 28/12/2007

2008

Ministry of the Interior - General Command of Arma dei Carabinieri - Professional collaboration for the technical and scientific coordination of the SITA project "Archaeological Protection Information System" within the framework of the PON Safety Program

2007

University of Central Sicily "Kore" Scientific and technical involvement in the project "Nakhl Archaeological Survey and Excavation Project" - Southern Jordan - CNR-DPC / Univ. Kore - Enna of 10/26/2007

2007

Teaching assignment to the training course of "Technician for the protection of cultural heritage - Diagnostics and conservation" Organized by: Consorzio Stedi - University of Tuscia

2007

Technical and scientific involvement with the Institute for chemical-physical processes - IPCF of the CNR for the detection with LIDAR instrumentation 3d laser scanner of the cave of Trabacche in Ragusa

2006

Teaching assignment to the Project "Training in the PON Safety for the development of the Mezzogiorno of Italy Mis. 1.5 "on GIS issues Organized by: Education Studies Center - Formez - Protocol No. 14385 of 13/09/2006

2005

University of Rome "La Sapienza" Presidency of Humanities and Philosophy. Professional assignment to the definition of the data structure of the Territorial Information System within the Project for the "Census of Archaeological Cartography" funded by the Ministry for Cultural Heritage and Activities

2005

Lecturer in the Master's Degree in Geographic Information Systems applied to the planning and design of urban and rural areas, organized by the University of Rome "La Sapienza".

2004

CNR - IBAM Creation of the digital bank from the QuickBird scenes in the Denizli area (Turkey) Orthorectification, geometric correction, radiometric and mosaic.

Collaborations and consulting

2004

National Operational Program "Security for the development of Southern Italy" - Measure 1.3 "Technologies for the protection of environmental and cultural resources". Actions A.1 and B.3. "Teaching assignment for the course of Geographic Information Systems at the Regional Superintendence Office"

2003

MBAC-Ministry for Cultural Heritage and Activities "Teaching the course of retraining of internal officials" (Concepts of Cartography and GIS)

2002

University of Tuscia, Department of Sciences of the Ancient World Realization of archaeological cartography in scale 1: 25 000

2002

Archaeological Superintendence for Lazio - GPS surveys / DGPS (Nemi)

2001

Archaeological Superintendence of Puglia Data Recovery of the Territorial Information System (SW GEIPAV)

2001

InfoCartografica s.r.l. Realization of thematic maps to 25.000 for the Emilia Romagna Region.

1998-2000

Univerisità of the studies of Lecce (Department of cultural heritage) Development of a project on "Geographic information systems dedicated to the management of ancient urban centers". (Development SW Porting data from analytic photoreker in SIT).

1999-2000

University of Rome "La Sapienza" Contract for assignment of professional services at the University of Rome "La Sapienza", Development of a SIT dedicated to the national archaeological bibliographic census (Development SW)

1999-2000

University of Rome3 Project on Remote Sensing Methodologies applied to the knowledge of ancient urban centers (Libya) (Remote Sensing Classification, Georeferencing Methods applied to Remote Sensing)

1998

SOGIS s.r.l. & CNR-IRPI - University of Reggio Calabria, Department of Environmental and Territorial Sciences Development of a project on "Assessment of vulnerability of the Catanzaro isthmus for landslide risk". (Remote sensing, Thematic mapping and GIS SW development)

1993-2001 Intergraph Italia LLC Consulting and teaching on SW products / applications, workflow and Intergraph technology. (Registered Research Laboratory - RRL)

Collaborations and consulting

1998

IDS Ingegneria dei Sistemi S.p.A. (Business Partner Intergraph, Bentley, Oracle), Implementation of thematic cartography.

1999

SOGIS s.r.l. realization of a SIT for the INPDAP real estate inventory. (SW GIS Development)

Publications, journals, proceedings national and international conferences, technical reports:

Mauro Mazzei, Software Development for Unsupervised Approach to Identification of a Multi Temporal Spatial Analysis Model - Proceedings of the 2018 International Conference on Image Processing, Computer Vision, & Pattern Recognition IPCV18: 85-91

Anna Formica, Mauro Mazzei, Elaheh Pourabbas, Rafanelli M.: Approximate Answering of Queries Involving Polyline-Polyline Topological Relationships, Information Visualization DOI: 10.1177/1473871617698516, 2017

Anna Formica, Mauro Mazzei, Elaheh Pourabbas, Rafanelli M.: Enriching the semantics of the Directed Polyline-Polygon Topological Relationships: the DLP-Intersection Matrix, International Journal of Geographical Systems 19(2), 175-196, 2017

Mauro Mazzei, Palma A.L.: Spatial Multicriteria Analysis Approach for Evaluation of Mobility Demand in Urban Areas, in the Proceedings of Computational Science and Its Applications, 10407, 2017

Mauro Mazzei, Palma A.L.: A Decision Support System for the Analysis of Mobility, in the Proceedings of Computational Science and Its Applications ICCSA 2015, Lecture Notes in Computer Science, 9157, 2015

Mauro Mazzei, Ferri F., Grifoni P., Caschera M.C., D'Ulizia A.: MIS: Multimodal Interaction Services in a cloud perspective, Journal of Next Generation Information Technology, 2014

Mauro Mazzei, Palma A.L.: Comparative Analysis of Models of Location and Spatial Interaction, in the Proceedings of Computational Science and Its Applications ICCSA 2014, Lecture Notes in Computer Science, 8582, 2014

Mauro Mazzei, Palm AL: Evaluating Principal Components Analysis of Particular Spatial Statistical Models, International journal on advances in intelligent systems 7, 24-30, 2014. ISSN: 1942-2679 - ISBN: 978-1-61208-326-1

Mauro Mazzei, Analysis of Patterns of localization and Interaction Space. Article Esri User Conference Proceedings 2014 Supplement n° 2 - 2014 di GEOmedia ISSN 1128-8132

Mauro Mazzei, Palma AT, Spatial statistical models for the evaluation of the landscape in 2013. ISSN: 0302-9743 Lecture notes in computer science. Berlin: Springer ISBN: 978-3-642-39649-6

Mauro Mazzei, A. Salvatori. Spatial Statistical Analysis on the Territory of the Royal Necropolis and Nuri Napatan Region, Sudan. 6th International Congress on "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin" Oct. 22, 2013

**Publications, journals,
proceedings national and
international conferences,
technical reports:**

Mauro Mazzei: Automatic exploration of changes in land use in urban areas by multivariate analysis of bi-temporal remote sensing images, Article 2013 Esri User Conference Proceedings

Mauro Mazzei, A. Formica, E. Pourabbas, M. Rafanelli, A 16-intersection matrix for the Polygon-Polyline Topological Relation Query Languages for Geographic Pictorial 2012 - ISSN: 0302-9743 - ISBN 978-3-642-32498-7

Mauro Mazzei, A. Salvatori, Application of change detection for monitoring of archaeological sites in sensitive areas. The Iraqi case, Proceedings of the Conference "Earth SIM-V: Virtual Earth Simulation," Virtual Reality in Support of Earth Observation - Hall Faculty of Engineering - University of L'Aquila - Laboratory of Geomatics - May 4, 2011

Mauro Mazzei, A. Formica, Pourabbas E., Rafanelli M. (2012). A 16-intersection matrix for the polyline-polygon topological relations for geographic pictorial query languages. In: Technical Report IASI-CNR, R.12-08, 2012, ISSN: 1128-3378.

MAZZEI M., S. MUSCO, A. Salvatori, C. D'AGOSTINI - Lapis Pallens: Integrated Research On Ancient Roman Quarries Of Red Tuff Aniene River Of Known As Latomies Of Living (London) 2011 ISBN: 978-88-905639 - 3-5

MAZZEI M., A. Salvatori, Geospatial analysis through to data mining repository screening of tuff quarries used in antiquity: Lazio Region case study, Proceedings of the 4th International Congress "Science and Technology for the Safeguard of Cultural Heritage of the Mediterranean Basin", Cairo , Egypt, 6th-8th (June 2009), p.224 - ISBN: 978-88-96680-31-5

M. MAZZEI, A SALVATORI., A. SUM OF, FERRARI V. (2009). Web Map Service in the process of archaeological research. IV Italian Workshop "Open Source, Free Software and Open Format in the process of archaeological research." April 27-28 (2009), ARCHAEOLOGY AND COMPUTERS, vol. Suppl. 2, FLORENCE: All'Insegna of Giglio, p. 145-152, ISSN 1120-6861, ISBN 978-88-7814-443-9.

M.MAZZEI, G. PETTINATO, S. NAILS "The Black Stone of Nasiriyah" In the margin of the archaeological survey of the CNR in southern Iraq - Accademia Nazionale dei Lincei (2007) - ISBN: 978-88-218-0981-1 - ISSN: 0391-8149

M.MAZZEI et al. - Analysis of the diachronic transformation of the landscape (2006) (Article, SW Development) ISBN13: 978-88-492-1145-0 - ISBN10: 88-492-1145-7

M.MAZZEI et al. - The Look of Icarus - Methods of geotagging expeditious and precision, orthophoto (2003) - ISBN 88-88168-12-5

**Participation in conferences
seminars, creation of
thematic maps, SW
development**

World Congress in Computer Science, Computer Engineering & Applied Computing CSCE'18 - Conference on Image Processing, Computer Vision, & Pattern Recognition – Las Vegas, Nevada USA, July 30 - August 2

17th International Conference on Computational Science and Its Applications, ICCSA 2017, held in Trieste, Italy, in July 2017.

**Participation in conferences
seminars, creation of
thematic maps, SW
development**

Italian Uenti Esri Conference 2016 – Session: Solutions and Technologies for Mobility and Transport - Analysis of urban mobility of large urban centers - Rome 2016

15th International Conference, Banff, AB, Canada, June 22-25, 2015, Proceedings, Part III - Computational Science and Its Applications -- ICCSA 2015

Italian Uenti Esri Conference 2014 - Analysis of Patterns of localization and Interaction Space - Rome 2014

The Sixth International Conference on Advanced Geographic Information Systems, Applications, and Services - geoprocessing Barcelona 2014

13th International Conference, ICCSA 2013 - Spatial Statistical Models for the Evaluation of the Landscape - Ho Chi Minh City, Vietnam 2013

Italian Uenti Esri Conference 2013 - Model Change Detection, Analysis in Urban Areas - Rome 2013

Anna Formica, Mauro Mazzei, Elaheh Pourabbas, Maurizio Rafanelli: A 16-intersection matrix for the polyline-polygon topological relations for geographic pictorial query languages, in the Proceedings of the Cross-Domain Proc of Int Conf and Workshop on Availability, Reliability , and Security, CD-ARES 2012, Quirchmayr G. ed., Lecture Notes in Computer Science, 7465, 2012

A. Formica, M. Mazzei, E. Pourabbas, Rafanelli M. (2012). A 16-intersection matrix for the polyline-polygon topological relations for geographic pictorial query languages. In: Multidisciplinary Research and Practice for Information Systems. LECTURE NOTES IN COMPUTER SCIENCE, vol. 7465, p. 302-316, ISBN: 978-3-642-32497-0, ISSN: 0302-9743, Prague-Czech Republic, doi: 10.1007/978-3-642-32498-7_23.

Earth observation for monitoring and historical documentation of the territory - San Vito Romano - Sapienza University of Rome (2011)

Web Map Service in the process of archaeological research. IV Italian Workshop "Open Source, Free Software and Open Format in the process of archaeological research" (27-28 April 2009)

Information Systems for Cultural Heritage, Land - Acquisition, organization, movement of data aimed at knowledge management and enhancement of cultural heritage - CNR Marconi Hall (2006)

Sapienza University of Rome - Tabula Imperii Romani - Production of thematic maps (2006)

CNR Ufficio II DG - Museums of the Province of Catania (2005) (SW development management on specific ICCD)

IUGI 1985-2005 20th Anniversary THE GEOGRAPHIC INFORMATION SYSTEM OF COUNCIL. NEW TECHNOLOGIES OF KNOWLEDGE FOR THE PROTECTION AND RISK MANAGEMENT CULTURAL AND ENVIRONMENTAL Mauro Mazzei - CNR (2005)

GeoEsplora 2004 (Convention - Index figures, pattern recognition) Ecox, 2000:

**Participation in conferences
seminars, creation of
thematic maps, SW
development**

An interactive and decision support for the development of numerical indicators, spatial connectivity and aimed at the analysis of the landscape

The Look of Icarus (2003) (orthophoto, Map production)

Archaeological Map of Italy Viterbo 1 (2002) (production cartographic)

Emilia Romagna - CARG Project Geological Map of Italy - F254 Modigliana 1999 (Map production - Geodata INGV - Methodologies applied)

1998 - Scale 1: 50 000 - Atlas of desert locust habitats breeding FAO 1993 - U8870 (Map production)

World Soils Resources Map Scale 1: 25 000 000 (Map production) FAO 1993 (66 REV. 1)

FAO Project AFG/90/002 From Export Arc / Info to Printing Processed (Map production) FAO 1996

Land Resources Appraisal of Bangladesh for Agricultural Development (Map production) FAO 1994

**Administrator of the following
Web Domains**

www.it.dariah.eu

European project: DARIAH, the Digital Research Infrastructure for the Arts and Humanities, AIMS to Enhance and support digitally-enabled research and teaching across the humanities and arts. CNR-DSU's 07/10/2013

www.imra.cnr.it

European project: Integrative flood risk governance approach for improvement of risk awareness and increased At public participation - IMRA, is an initiative 2nd ERA-Net CRUE Research Funding, which aims to integrate, consolidate and disseminate research on European Risk Management hydraulic . (Protocol No. CNR-IRPPS 1438)

www.ict.cnr.it

Institutional website of the ICT Department of CNR

www.siva.cnr.it

SIVA Project: Video Information System Archiving Cultural Heritage SIVA was made by the Project of National Research Council of the South since the early '90s, in order to contribute to the knowledge of the Italian cultural and artistic heritage through the widespread use of the new technology. CNR-IPCF

www.geopql.cnr.it

Research Project CNR-IASI: GeoPQL: A Pictorial Geographical Query Language That Resolves Ambiguities in Query Interpretation CNR-IASI

www.progidcue.cnr.it

Research project in the field of Cultural Heritage CNR-DICT

www.labgeoinf.cnr.it

Web space of the Laboratory of Geomatics and Information Technology of the Institute" IPCF CNR - CNR-IPCF

"I authorize the processing of personal data contained in my curriculum vitae in art. 13 of Legislative Decree 196/2003".

Dr. Mauro Mazzei