

## **ARCHENVIMAT-PRINTS: THE LIBRARY SERVICE OF NATIONAL RESEARCH COUNCIL DEVELOPS AN OPEN ARCHIVE FOR THE SCIENTIFIC COMMUNITY.**

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Institutional repositories- digital collections that capture and preserve the intellectual output of research communities- respond to two strategic issues facing scientific institutions: 1) they provide a central component in reforming scientific communication by stimulating innovation in a disaggregated publishing structure; and 2) they serve as tangible indicators of an institution's quality, thus increasing its visibility, prestige, and public value. This paper examines the institutional repository ArchEnviMat- Prints (Archaeological – Environmental – Materials – Prints) from these perspectives, describing its potential role and exploring its impact on major stakeholders in the scientific communication process.

The National Research Council ArchEnviMat – Prints Open Archive allows scientists from Potenza Research Area to post on-line, at no cost, their scientific work in electronic format.

The archive will act as a central source for research produced at National Research Council Potenza Research Area. The ArchEnviMat-Prints open Archive's mission is to collect, archive and disseminate National Research Council Research Institutes information and research. The mission is also to develop a community that sustains itself through mutual support and interactions in the fields of archaeology, geology, physic, chemistry.

ArchEnviMat includes research reports, journal articles, conference and meeting papers, technical reports, books and chapters of book, thesis, miscellaneous of documents, and preliminary data in the following subjects: Airborne and Satellite Remote Sensing, Biochemistry, Biophysical and Biological Monitoring, Built Environment Fisics, Chemical-Physical, Deposition, Diagnostic not destructive, Environmental Geochemistry and Mineralogy, Environmental Planning and Modelling, Geoarchaeology, Geomorphological and hydrogeological risk, Geophysics, GIS, remote sensing and Fotogrammetry, Historical seismicity, Laser, Lidar, Materials, Medieval Archaeology, Medieval History, Radiometry and Interferometry, Seismic risk, Spectroscopy.

To provide assistance in the matters, the Library Service has organized this Open Archive to allow the scientific work of any scientists from Research Institutes to be posted free of charge.

The Library serves scientists and researches by facilitating their self-archiving ensuring the long-term preservation of their documents. Authors may upload pre-prints, reprints, conference papers, pre-pubblication book chapters.

ArchEnviMat is realized with Dspace, an open-source digital archiving system designed by MIT Libraries and Hewlett Packard to capture, manage and share research in digital formats. The archive is hosted by AePIC team, at CILEA.

