

Poster presentation

Providing free access to scientific and technical information on land and water management through CemOA Institutional Repository

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Abstract

Cemagref is a French public research institute whose results are directly usable in resource management and land use (water resources, land and aquatic ecosystems, rural areas, water technologies, agrosystems).

The CemOA IR (<http://cemoa.cemagref.fr>) provides access to scientific and technical articles, reports, PhD thesis, proceedings of congresses, books and book chapters.

Policy: The publication deposit is mandatory since 1992. Only revised publications are allowed for OA publication (author-made postprints or publishers' pdf).

Stakeholders. The workflow is organized as follows: i) Authors complete the metadata webform and upload their pdf. They can add any question before transferring data to their reference librarians. ii) Information specialists add specific metadata (authors's affiliations, keywords, etc.). They control the self-archiving rights and help authors in fulfilling their copyright transfert agreement. iii) A specific team controls the quality of records and pdf, then validates the deposits for publication (Publications database, CemOA IR, transfert to HAL).

Technical specifications: i) Scientists have a full-web deposit tool since 2004. ii) The repository is harvested since 2009. We choosed to add an OAI server to our Cadic Integrale software solution. It is OAI v 2.0 compliant (XML / Dublin Core formats) and allows the control of the published data (restrictions settings). iii) The project team (information specialists and computer scientists) also participated in the implementation of the webservice gateway with HAL, the French national repository (<http://hal.archives-ouvertes.fr/>), and of the embedded widget developed to select IR records from the institutional portal (<http://www.cemagref.fr>).

Visibility: CemOA records are integrated to the Cemagref portal and referenced by the main harvesters. To date, nearly 16,000 records and 1000 OA full texts are available through OAIster and Scientific Commons, Driver, Avano and EauFrance, Google... Potentially 90 % of articles could be made freely accessible. In this, information specialists have a key role to play.