

Repository for Humanity and Nature in Asia Region - Inter-University Knowledge Base for Global Environmental Issues

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”Repository for Humanity and Nature in Asia Region - Inter-University Knowledge Base for Global Environmental Issues” is a project of Research Institute for Humanity and Nature collaborating with more than 30 research institutes of universities in Japan. The project is aiming to develop a repository for global environmental issues, and collecting data and information about databases from various scientific fields.

There are two main activities in the project. Feasibility studies conducted by institutes of universities are working on data construction and case study using interdisciplinary datasets. For example, some studies are salvaging data from old data storage or researcher’s field notes, and considering data conservation and future usage for education. Another activity of the project is development of data sharing system using semantic web technology. The system will realizes retrieval of various kinds of data and knowledge relating with global environmental issues.

It is expected that the results of the project contributes to establish interdisciplinary resource sharing not only for natural sciences but also for humanities.

Keywords: interdisciplinary study, semantic web