



Subsidies for Water Management and Environmental Engineering at UGRHI,
Pontal do Paranapanema

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Introduction: This Project forms part of a larger tranche of scientific research with the objective of deepening the theoretical and methodological understanding of water management and environmental planning in river basins. The objective is, by means of technical support, to collect and deal with the range of information and integrate all the data to assist the actions of the Support Group for the training of the River Basin Committee of the Paranapanema River, which is made up of the management agencies of the States of São Paulo and Paraná, the National Water Agency, and other organizations operating in the river basin. **Methodology and Development:** Cartographic and quantitative data are being checked in this research, along with revision and update of cartographic conventions and maps, drawing up tables, compiling base vectors, upgrading reference systems, carrying out field work, taking part in events and training programmes, drawing maps and, finally, integrating and making available information obtained from government bodies and other organizations. It is planned to organize the information as a Geographical Information System and to create a data bank, thereby facilitating the availability and dissemination of this web platform and its use in studying environmental planning and water management in UGRHI, Pontal do Paranapanema and the Paranapanema river basin, adding time for further research. **Final thoughts:** Preliminary results are being entered in the “Unified Data Integration System for River Basin Studies” at GADIS/UNESP in image format and extension *shapefile* and *dgn* archives accessible through the link <http://bacias.fct.unesp.br>. So the information is being integrated into an online system to enable and promote access to research and cartographic, technical and scientific information developed by the research group aimed at students, teachers and management bodies.

Key words: Water management; environmental planning; river basin; technical support.