

**PROJECT INFORMATION**  
RECHARGE Vietnam

<b>Project's title</b>	Groundwater for inclusive climate-resilient WASH (RECHARGE Vietnam)
<b>Project's partner/ collaboration</b>	Water Resources Department, CENREs, Can Tho University
<b>Sponsor/Donor</b>	The Institute for Sustainable Futures, University of Technology Sydney
<b>Total budgeted</b>	79,970 AUD
<b>Project's period/duration</b>	Start Date: 1 June 2023 End Date: 31 December 2024
<b>Principal Investigator (PI)</b>	Associate Prof. Dr. Nguyen Dinh Giang Nam
<b>Co-PI</b>	
<b>Project's member</b>	Dr. Huynh Van Da (coordinator) Dr. Nguyen Anh Minh Dr. Nguyen Hong Duc Dr. Nigel Downes MSc. Nguyen Quoc Cuong Associate prof. Dr. Vo Quoc Tuan
<b>Overall objective</b>	To generate new knowledge and tools supporting governments to develop and manage groundwater resources for inclusive, resilient services
<b>Specific objectives</b>	<ul style="list-style-type: none"> <li>- Evaluation of potential for exploitation, restoration and protection of groundwater sources according to ecosystems in the Mekong Delta.</li> <li>- Impacts of climate change on groundwater resources and impacts of gender inequality on groundwater exploitation.</li> <li>- Develop priority indicators to support local managers in integrated management of groundwater resources towards sustainable development.</li> </ul>
<b>Contents</b>	<p>a. Preparing stage</p> <ul style="list-style-type: none"> <li>- Provide input into the study design, including research questions and sub-questions, choice of study site, research methods, general research plan, and assignment of roles and responsibilities.</li> <li>- Meet with UTS partner to discuss project plan.</li> </ul> <p>b. Data collection, analysis and learning</p> <ul style="list-style-type: none"> <li>- Contribute to the development of data collection tools (surveys, interviews, and focus group question guides, etc.).</li> <li>- Lead data collection and fieldwork activities for household surveys and in-depth interviews.</li> <li>- Integrate household survey results with existing well data and urbanization/industrialization.</li> <li>- Conduct fieldwork for operations with water service providers, including logistics and data collection (interviews and focus group discussions)</li> <li>- Preside over stakeholder workshops to jointly develop priority indicator frameworks.</li> <li>- Participating in regional academic seminars with research partners.</li> </ul>
<b>Expected outcome</b>	- Participating in the co-development of a priority indicator framework to assist organizations in monitoring and planning for comprehensive climate resilient resource management and services.

- Support UTS to develop 02 articles and research abstracts:  
+ Articles on household coping strategies, gender perspectives, groundwater resources and climate response;  
+ Research summary on household coping strategies, gender perspectives, groundwater resources and climate response;  
+ Articles on the views of water service providers, management strategies and climate response;  
+ Research abstracts on water service providers' perspectives, management strategies and climate response;  
+ Indicator framework for planning and managing groundwater-based WASH services.

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