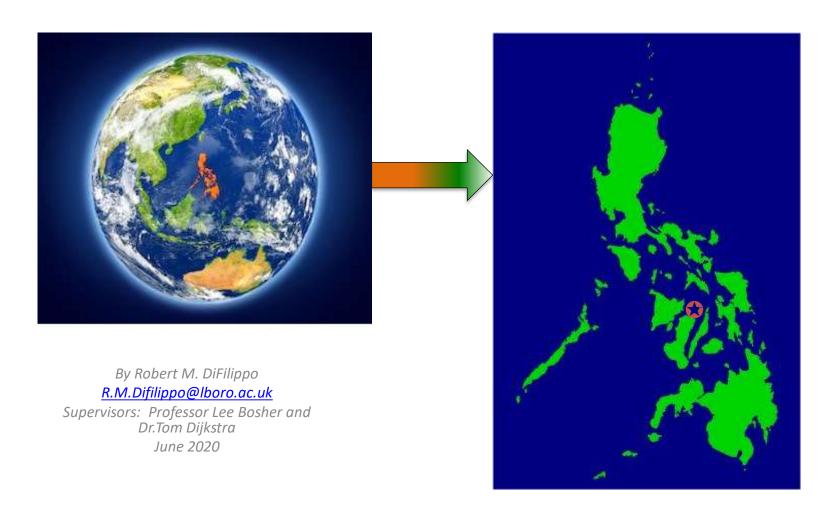
Inter-Disciplinary Freshwater Lens Assessment Protocol for Karst Islands (Bantayan Island, Cebu Province, Philippines).







Vasaya Basin, Bantayan Island Cebu Province, Philippines













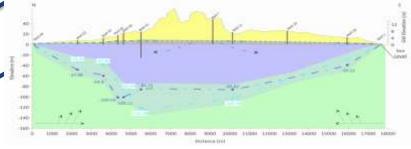
Freshwater Lens Assessment Protocol

Hydro Geologic Characterization

- Remote Sensing
- Geologic Mapping
 - 41 Field Sites Mapped
- Hydrogeologic Assessment
 - 25 Pumping Wells Assessed
- Tidal Studies Conducted (4)
- GW Mon & Sampling
 - 206 Samples Analysed
 - 2472 Analyses Processed

Stakeholder Interaction

- Well Owner Survey
 - 37 Issued
- Laboratory Reports Issued
 - 74
- Semi-Structured Interviews
 - 30 Completed

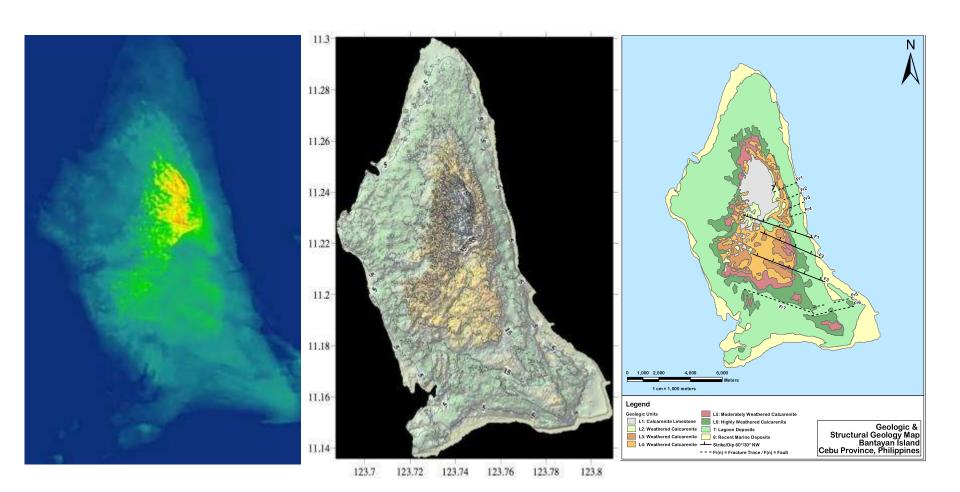


Groundwater Vulnerability Indicator Assessment





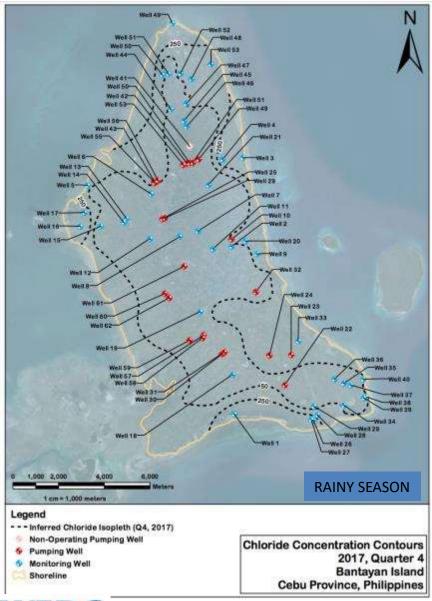
LiDAR Imagery and Digital Elevation Model, Geologic & Tectonic Lineament Map, Bantayan Island, Cebu Province, Philippines

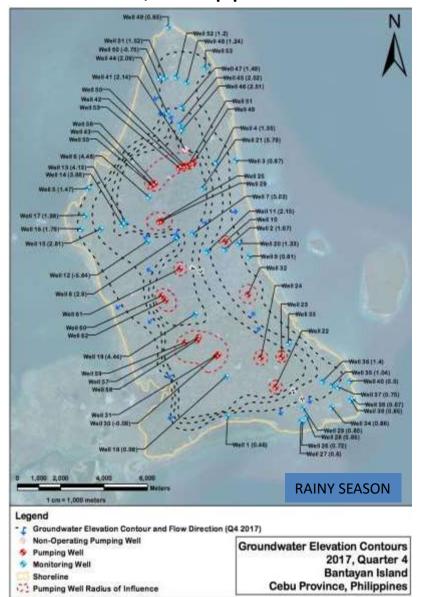






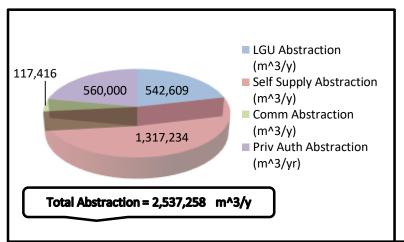
Chloride Isoconcentration and Groundwater Gradient Maps, Bantayan Island, Cebu Province, Philippines

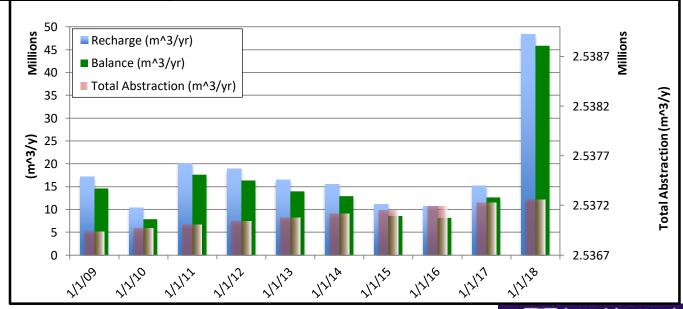






Groundwater Abstraction and Groundwater Balance Results, Bantayan Island, Cebu Province, Philippines

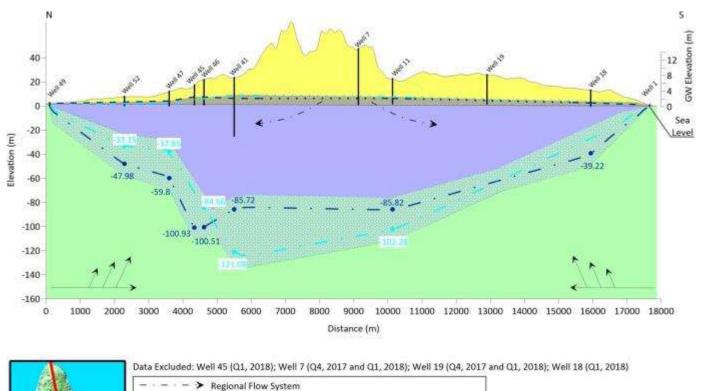


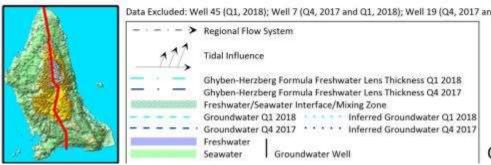






Observational Model, Bantayan Island, Cebu Province, Philippines



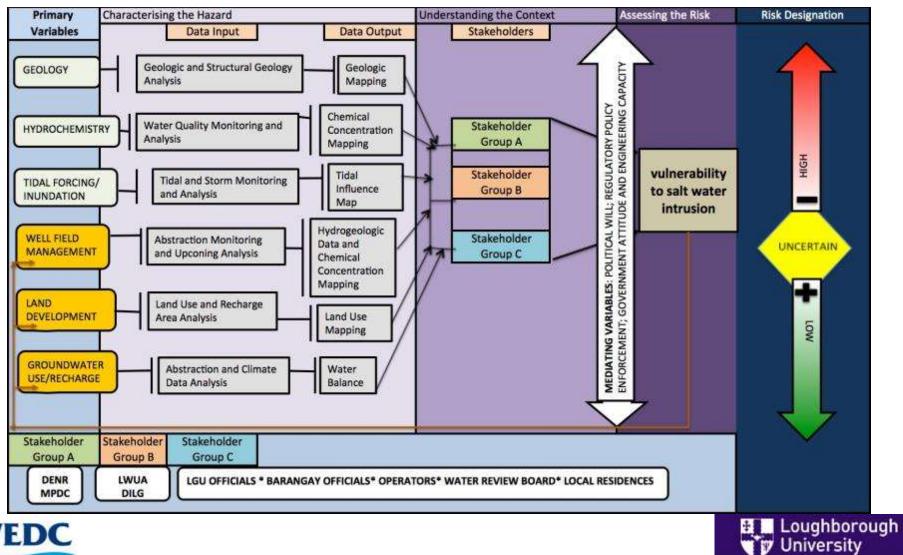


Observational Model Bantayan Island Cebu Province, Philippines



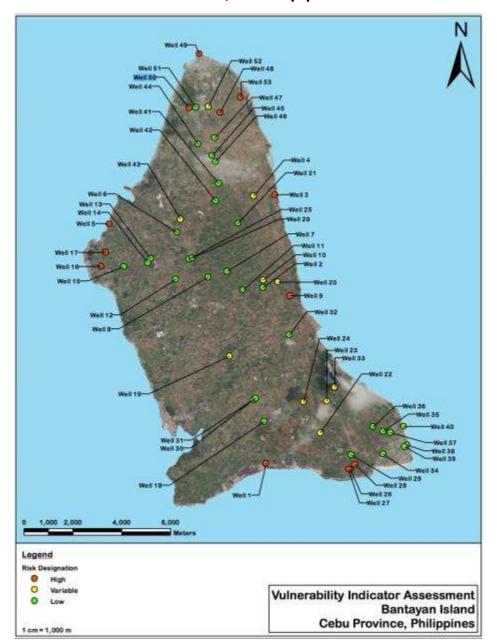


Groundwater Vulnerability Indicator Assessment Model





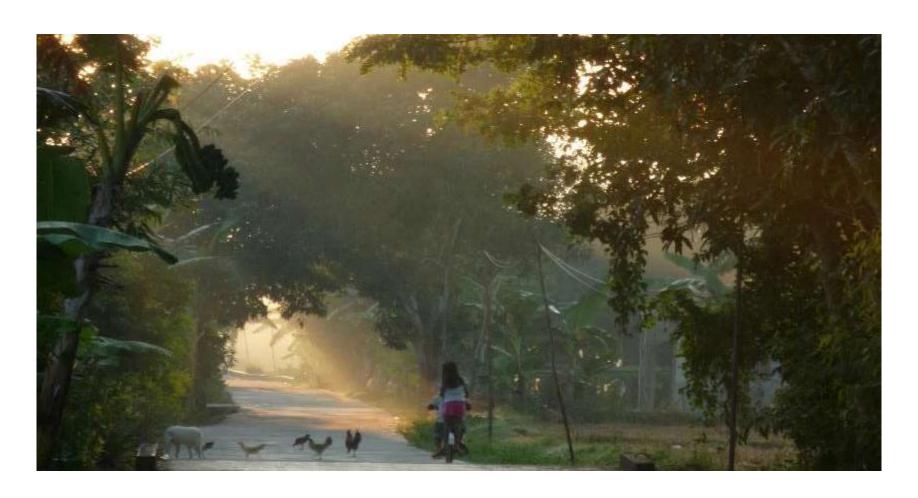
Vulnerability Indicator Assessment Map, Bantayan Island, Cebu Province, Philippines







Thank you for your kind attention!



SETTING AN EXAMPLE IS NOT THE MAIN MEANS OF INFLUENCING OTHERS; IT IS THE ONLY MEANS. ALBERT EINSTEIN



