







# Research schedule

Research implementation items	2024	2025	2026	2027	2028	2029
<b>① Hydrometeorological observation and high spatiotemporal resolution dataset development in the Panama Canal basin</b>						
A ) Disdrometer observation for categorizing rain types and radar calibration/validation (Rain gauge observation for highly accurate rainfall estimation)	Installation	observation				
B ) Panama radar rain gauge data collection	collection		collection			
C ) Collection of historical observation data	collection		collection			
D ) Development of high spatio-temporal resolution gridded daily precipitation data		development				
E) Development of high-resolution atmospheric 3D data	development					
<b>(2) Assessment of the impact of climate change on floods and hydrological</b>						
F ) Detection of past floods and droughts using climate indicators and clarification of their causes						
G ) Elucidation of factors in the water						
H ) Meteorological phenomenon analysis of flood events						
summary						