

**Armando T. Quitain**

Professor

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Dr. Armando T. Quitain is currently a Professor at the Center for International Education, Kumamoto University (Kumamoto, Japan). His research interests are centered around development of green technologies based on microwave carbocatalysis and supercritical fluids as applied to biomass conversion. He is currently the Lead Principal Investigator of the e-ASIA Joint Research Project on Alternative Energy (Bioenergy): “Development of Algal Bioenergy Systems for Green and Sustainable ASEAN Region”, which aims to convert algal biomass into biofuels and biochemicals. He is also collaborating with Kyoto University for Japan-ASEAN Science and Technology Innovation Platform (JASTIP) program to strengthen research collaboration among Japan and ASEAN universities. As a Japan Society for the Promotion of Science (JSPS) Scientist for Joint International Research, he is also collaborating with top researchers from Germany and Spain on CO<sub>2</sub> utilization and conversion technologies. All these research activities are in accord with the UN Sustainable Development Goals, which forms the “blueprint for a better and more sustainable future for all.”

Student mobility is also in his portfolio, developing exchange programs (outbound and inbound) to cultivate “global mindset” to future global STI leaders that will promote sustainability in the region and beyond.

He has been exploring many challenges that Japan could offer for over 24 years to date.