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**Opportunities and Challenges Farmer's Experiences Using Indigenous Knowledge to Adapt to Climate Change in Sustainable Development in Mekong Delta, Vietnam**

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This research was carried out to explore the role of the appropriateness of farmer's indigenous knowledge and their adaptive capacity to climate change in An Giang province. KAP (Knowledge-Attitude-Practice), PRA (KIP and focus group discussion) and household survey have been applied to collect data. The results showed that local people used several effective indigenous knowledge's for coping with floods. However, the valuable indigenous knowledge has not been recorded yet, nor documented in written materials for sharing to young generation and communities; some indigenous practices are not suitable with the current requirement for flood adaptation strategies. Besides, this research explored the role and contribution of opportunities and challenges farmer's experiences using indigenous knowledge to adapt to floods in sustainable development in Mekong Delta, Vietnam

**Keywords:** Climate change, indigenous knowledge, flood, adaptation.

**Biography**

Dr. Pham Xuan Phu is currently lecturer and researcher of Rural Development and Natural Resources Management Department, Faculty of Agriculture and Natural Resources, An Giang University, a member of Ho Chi Minh City National University, Viet Nam. He has more than sixteen years' experience in teaching in researching. He has strong background in the fields of integrated rural development and agriculture. He has published several papers in international journal and local newspapers. My research is interesting about indigenous knowledge, vulnerable livelihoods, farming systems, migration, agro-ecosystems, social learning on indigenous knowledge farmers adaptive capacity, social resilience to flooding, adaptation to climate change. Besides, he performs as livelihood and climate change policy advisor for Oxfam, VRN, Green IDEA, RDViet and WARECOD to undertake research and development activities in the fields of livelihood, natural resources management, water, energy and climate resilience components.

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