

■ Mitigating negative effects of climate change on agriculture ■

The effects of climate change on agriculture are becoming more obvious. They pose serious threats and challenges to food security and sustainability in agriculture under the business-as-usual situation. It is therefore critical to transform practices for increasing agricultural productivity, while reducing greenhouse gas emissions to ensure sustainable food production to feed more than nine billion people in 2050. To explore strategies, approaches, and good practices of climate change adaptation and mitigation in agriculture, the APO in collaboration with the Ministry of Agriculture and Ministry of Manpower and Transmigration of the Republic of Indonesia organized a forum on Mitigating Negative Effects of Climate Change on Agriculture in Bali, 30 September to 3 October. The Indonesian Agency of Agricultural Research and Development (IAARD) in collaboration with the NPO of Indonesia implemented the program.

More than 50 policymakers and planners, government officers, agricultural professionals, scientists, practitioners, and executives of NGOs and NPOs representing 18 economies contributed in-depth knowledge, discussed related issues and challenges, and provided valuable inputs for promoting climate change adaptation and mitigation policies, strategies, approaches, and practices in the agricultural sector.

The forum consisted of six thematic sessions: assessment of climate change impacts on agricultural productivity; efficient, effective resource manage-



Delegates to the forum on Mitigating Negative Effects of Climate Change on Agriculture. Photo courtesy of IAARD.

ment for climate change mitigation and adaptation; innovations in farming systems for mitigation of and adaptation to climate change; tools and technologies for agricultural adaptation to climate change; policy and institutional settings for building resilience for adaptation to climate change; and mainstreaming good practices of agricultural adaptation to climate change into sectoral planning. To observe climate-smart agricultural and agribusiness practices, the participants visited the Subak Guama Cooperative in Bali.

After intensive deliberations, the forum agreed on a set of findings and recommendations titled “The Bali Declaration on Climate Change Adaptation and Mitigation in Agriculture in the Asia-Pacific,” which is available on the APO website: <http://www.apo-tokyo.org/publications/>. 