



ACIAR and Vietnam

Research for more productive and sustainable agricultural systems

The Australian Centre for International Agricultural Research (ACIAR) is the Australian Government's specialist agricultural research for development agency, within the Australian aid program.

ACIAR delivers the knowledge and technology that underpins more productive and sustainable agricultural systems and more resilient food systems, for the benefit of developing countries and Australia. We do this by investing in bilateral and regional research projects, global research collaborations and building the scientific and policy capabilities of our research partners.

ACIAR and Vietnam

Since 1993, ACIAR has collaborated with Vietnam to broker and fund research partnerships consistent with jointly agreed priorities. ACIAR has invested in about 200 projects in Vietnam and the current program covers six key research areas: agribusiness, fisheries, forestry, livestock, soil and land management, and water and climate.

Why agricultural research?

Agriculture continues to play a major role in Vietnam's economy. On average, the sector annually contributes about 15% of the GDP, and absorbs an estimated 40% of the total workforce.

Agricultural research that improves productivity, increases farmer access to markets, and ensures women have equal access to resources, is the most effective way to improve livelihoods, reduce hunger, malnutrition and lift people out of poverty.



QUICK FACTS



31 projects

Includes 9 small research activities



A\$4.5 million

Invested in 2020-2021



+20 partner organisations

Working with Australian researchers

ACIAR research with Vietnam contributes to:

- Long-term partnerships in research and technology development
- Improved agricultural research capacity for sustainable and equitable growth
- Improved skills, livelihoods and incomes of smallholder farmers
- Enhanced human health and nutrition
- More efficient use of natural resource in agricultural production
- Influencing policy for managing climate change impacts in agriculture

ACIAR research with Vietnam for 2020-2021

Agribusiness

- Establishing sustainable solutions to cassava diseases in mainland Southeast Asia (AGB/2018/172)
- Off-Farm: Strategic review and planning for enhancing the livelihoods of coffee and pepper smallholders in the Central Highlands of Vietnam through improving stakeholders' participation in agribusiness led value chains (AGB/2018/208)*
- Enhancing smallholder linkages to markets by optimising transport and logistics infrastructure (AGB/2017/036)*
- Strengthening leadership, coordination and economic development of the temperate fruit industry in northern Vietnam (AGB/2018/171)*
- Improving smallholder farmer incomes through strategic market development in mango supply chains in southern Vietnam (AGB/2012/061)
- Inclusive agriculture value chain financing (AGB/2016/163)
- Improving livelihoods in Myanmar and Vietnam through vegetable value chains (AGB/2014/035)
- Developing value-chain linkages to enhance the adoption of profitable and sustainable cassava production systems in Vietnam and Indonesia (AGB/2012/078)
- Increasing the sustainability, productivity and economic value of coffee and black pepper farming systems and value chains in the Central Highlands region of Vietnam (AGB/2018/175)
- Planning and establishing a sustainable smallholder rice chain in the Mekong Delta (AGB/2019/153)
- Research to support agricultural policy and strategic planning: research to assist the Vietnam Government with the formulation of the 2021–2030 Agricultural Development Strategy for Vietnam (AGB/2019/185)*

Crops

- Characterisation of *Spodoptera frugiperda* (fall armyworm) populations in South-East Asia and Northern Australia (CROP/2020/144)*

Fisheries

- Increasing technical skills supporting community-based sea cucumber production in Vietnam and the Philippines (FIS/2016/122)
- Half-pearl industry development in Tonga and Vietnam (FIS/2016/126)

Forestry

- Scoping for a forest biosecurity network in South East Asia (FST/2020/102)*
- Policy analysis for forest plantations in Lao

* small research project

PDR and Vietnam (FST/2019/121)*

- Developing and promoting market-based agroforestry and forest rehabilitation options for northwest Vietnam (FST/2016/152)
- Managing risk in South-East Asian forest biosecurity (FST/2018/179)
- Building effective forest health and biosecurity networks in SE Asia (FST 2020 123)

Livestock

- Intensification of beef cattle production in upland cropping systems in Northwest Vietnam (LPS/2015/037)
- Safe pork: market-based approaches to improving the safety of pork in Vietnam (LS/2016/143)
- Goat production systems and marketing in Laos and Vietnam (LS/2017/034)
- Forages: taking stock and identifying research needs (LS/2018/186)*
- Asian chicken genetic gains: a platform for testing, delivering, and improving chickens for enhanced livelihood outcomes in South-East Asia (LS/2019/142)
- Investigating and developing interventions to mitigate food borne parasitic disease in production animals in Laos [Laos, Vietnam] (LS/2014/055)
- Value-adding to existing livestock programs to understand and quantify the implications of greenhouse gas emissions, provide options for emissions reduction and inform in-country policy development [Cambodia, Indonesia, Kenya, Laos, Myanmar, Pakistan, South Africa, Tanzania, Timor-Leste, Vanuatu, Vietnam, Zambia] (LS/2019/159)

Social Sciences

- Analysing gender transformative approaches to agricultural development with ethnic minority communities in Vietnam (SSS/2018/139)
- A framework for assessing agricultural extension approaches and an analysis of transferrable public health approaches (SSS/2019/186)*

Soil and Land Management

- Farmer options for crops under saline conditions in the Mekong River Delta, Vietnam (SLAM/2018/144)
- Improving maize-based farming systems on sloping lands in Vietnam and Laos (SMCN/2014/049)

Water and Climate

- Supporting greenhouse gas mitigation for sustainable farming systems in the Asia-Pacific and East Africa (WAC/2019/150)

Building research capacity in Vietnam

Building capacity in partner countries is a key priority for ACIAR to extend and maximise the adoption of new knowledge and technologies. Our partnership model ensures partner countries have input into and ownership of research priorities and the delivery of research programs. The result is innovative and lasting local solutions that aim to bring choice and change to those who need it most. Since 1995 ACIAR has supported 90 alumni to gain postgraduate qualifications to build local research capacity. During 2020-21, ACIAR is renewing its activities to have a greater focus on leadership and career development through various short and medium-term programs. Our focus on postgraduate training will continue as new initiatives are developed and implemented.

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