

PESTICIDE ACTION NETWORK

REPLACING HIGHLY HAZARDOUS PESTICIDES WITH AGROECOLOGY

2022 Calendar



Photo: Jayakumar Chelaton

Regional Centers



- ↳ **PAN North America**
CA, HI, IA & MN offices
offices, mostly U.S.-
focused with some
collaboration in Canada



- ↳ **PAN Latin America/RAPAL**
Rotating coordinator, currently
Argentina. Admin functions
in Chile, 13 active countries,
including Mexico



- ↳ **PAN Europe**
Office in Brussels
focuses on EU policy;
PAN Germany and
PAN UK have active
domestic & PAN Int'l
programs



- ↳ **PAN Africa/
PAN Afrique**
Based in Senegal,
active program
work in multiple
francophone
countries



- ↳ **PAN Asia & the Pacific**
HQ in Malaysia, country
offices in Philippines,
India and New Zealand,
active in multiple
countries in the region

Agroecology:



Photo courtesy of Thanal

paths towards a pesticide-free future



Photo: PAN UK/PAN Ethiopia



Atalo Belay, a Program Coordinator at PAN Ethiopia, is pictured with two field staff using an aspirator to collect small insects. Farmers can use this to monitor the ratio of beneficial insects to pest species. *Ethiopia*

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Photo: A.R.F.B.



Mai Nguyen is a California grain farmer who grows heirloom crops with organic, drought-resistant and soil-enriching methods. A social justice activist and founding member of the CA Farmer Justice Collaborative, Mai is committed to building the equity component of a holistic agroecosystem approach. *United States*

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Photo: Kudumbam



The International People's Agroecology Multiversity is a research-learning-action approach to agroecology that focuses on small-scale food producers and farming communities. Women are important caretakers of biodiversity at these Field Learning Sites. *India*

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Photo: Susan Haffmans



Planting floral resources among crops supports biodiversity, helping to maintain ecosystem functions such as pollination. Here, a purple cornflower is an important source of nectar and pollen for bees. *North Germany*

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Photo: PAN UK/PAN Ethiopia



Beneficial insects provide important ecosystem services in agroecological systems. Here, a bee pollinates cotton flowers and parasitoid wasps within the flower provide biological pest control services. *Ethiopia*

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Photo: Pradeep Arunasiri

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Photo: Fernando Ramirez



This biodiverse farm has contours to prevent erosion during severe weather. Agroecology can improve the resilience of food production in the face of extreme weather events associated with climate change.
Alajuela, Costa Rica

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Photo: Ilang-Ilang Quijano, PANAP

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Photo: Erik Steen Jensen

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Photo: Alliance for Food Sovereignty in Africa



Intercropping is a technique that helps farmers adapt to the impacts of climate change. This farmer, Minza Chiwanga from the Chololo village, tends to her sorghum and cowpea intercrop, which provides enough food to meet her and her family's needs. *Tanzania*

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Photo: PANAP



At the 2019 Agroecology Fair, these women farmers sell their agroecologically grown produce. Direct markets allow farmers to sell their products and retain their profits by eliminating intermediaries. *Manila, Philippines*

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Photo: Stephanie Williamson



Don Juan Guillermo Londoño's insecticide-free coffee farm transitioned from monoculture to intercropping with plantain, scattered shade and papaya trees. Herbicides are avoided by using non-competitive ground cover and mulching with tree prunings. *Colombia*

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Pesticide Action Network (PAN) is a network of over 600 participating nongovernmental organizations, institutions and individuals in over 90 countries.

Founded in 1982, PAN International works to replace the use of hazardous pesticides with ecologically sound and socially just alternatives, within a rights-based approach that prioritizes agroecology, food sovereignty and climate justice. The PAN North America office was founded in 1984.



<http://pan-international.org/>



<http://panna.org/>

Calendar By Chloe Cho and the PAN International Agroecology Workgroup