

**Project Progress 2019**  
**Wondo Genet College, Hawassa University, Ethiopia**  
Dong-Gill Kim

**Certificate Course (Output 1)**

Activities: Contents of the three blocks of the course are in preparation

**Block 1:** Traditional knowledge – Good showcases (see fact sheet below)

**Block 2:** Aspects of biodiversity

Carbon sequestration and greenhouse gas mitigation in agroecosystems

**Block 3:** Methodology

Quantification of carbon sequestration and greenhouse gas emission in agroecosystems

**Traditional knowledge is integrated in curricula (Output 2)**

Ethiopian home garden and agroforestry

**Research on biodiversity topics linked to study programs and project partners (Output 3)**

Following research topics linked to DiveCropS project are developed:

- Linking agrobiodiversity with food security and climate change resilience
  - mono-cropping vs. agroforestry
  - measurements: agricultural production, soil fertility, carbon and greenhouse gas emission, yield- scaled greenhouse gas emissions
- Home garden agroforestry in Southern Ethiopia
- Converting forest to coffee agroforestry
- Converting home garden to mono-cropping
- Teff-Acacia intercropping
- Charcoal production in western Ethiopia

Joint research activities with the Cuban partners

- Enhancing soil fertility and agricultural production through agroecological practices
- Carbon sequestration and mitigation fo greenhouse gas emissions in agroecosystems

**Network DiveCropS, knowledge transfer and information (Output 4)**

Responsible for the workshop/excursion 2021 in Ethiopia

Academic exchange:

Dong-Gill Kim: Visits at following Cuban partners: CUJAE, Uni Pinar del Rio, Uni Granma

Dong-Gill Kim participated at the project workshop in Ecuador 2019

**Miscellaneous**

no information