



RESEARCH CALL 2022 ON TROPICAL FOREST CANOPY RESEARCH

STICHTING HET KRONENDAK



The Canopy Foundation (Stichting Het Kronendak) stimulates research, conservation and management of the canopy of tropical forests, and disseminates the results to the general public.

The Canopy Foundation supports student research projects (BS, MSc, and PhD) for their fieldwork year-round. However, in this research call 2022, we invite researchers connected to Dutch universities or research institutes to submit a proposal in one of the following three categories:

Tropical forest canopies; structure, function, and architecture. Tropical forest canopies form the interface between the vegetation and the atmosphere, and are responsible for large part of the carbon, water, nutrient, and energy fluxes. Tropical forest canopies have a complex three-dimensional structure that can be studied at different scales, from the entire canopy to the phyllosphere. We are looking forward to new insights on the structure and architecture of tropical forest canopies and their implications for plant- or ecosystem functioning.

Tropical forest canopies: the last frontier unravelled using novel tools. Because of their sheer height and inaccessibility, tropical forest canopies are the last frontier to be discovered. New tools become available to map and monitor forest canopies (e.g., LiDAR, drones), track and identify canopy animals (e.g., trap cameras, GPS collars, sound traps), and infer ecological processes (DNA, isotopes). What exciting insights can be gained about canopy ecology, using novel techniques?

Tropical forest canopies; your favourite topic. Tropical forest canopies account for most of the primary production, harbour most of the insect and bird diversity, and harbour many different life forms (trees, lianas, epiphytes). They are crucial habitat for many animal species and for many plant-animal interactions (pollination, dispersal), and are used by people for (non-)timber forest products. Relate your favourite study topic to forest canopies in a creative way.

Who can apply? Researchers (Dutch and foreign) that work at a Dutch university or research institute and possess a PhD degree (postdocs and staff).

What is covered? We finance a **grant of € 10,000,-**. The grant can cover travel costs, field work, consumables, equipment, and local field assistants, but not the salary of the researcher.

What are the selection criteria? Scientific quality of the proposal, novelty, and scientific or societal/outreach impact

What is the procedure? A digital proposal should be submitted, using the attached template. The procedure is light (the proposal is up to 2000 words) and fast (the decision will be communicated by June 1, 2022). The board of the canopy foundation will select one proposal for funding if the quality is sufficiently high.

When is the application deadline? May 15, 2022, 24:00 h.

Where to submit? Submit digital proposals to: info@kronendak.nl

More information? Please send your request to: info@kronendak.nl

Presentation. The grant laureate is expected to give a presentation about the proposal at the Annual meeting of the Canopy Foundation, the afternoon of June 17

Output. Relevant research output (i.e., a scientific publication) is expected within 3 years from the decision (June 2025).

