

Guest Lecture: Tree Embolism Resistance



Vulnerability to embolism is a tree key physiological trait determining the limits of drought tolerance across species. Kyra May Ute Zembold, a Master Student of Department of Plant Ecology Goettingen University, conducting the research about tree xylem vulnerability to embolism in three locations. She collects the data from rubber plantation, palm oil plantation, and lowland rainforest in Jambi, Sumatera. Her research suggests that across tree species, there was the plant with low or high resistance to embolism. The wood density and plant height also correlated with tree embolism resistance. The research of embolism has a correlation to drought resistance.

She shares her part of the research in the [guest lecturer event](#) of Department of Biology, February 27, 2018. In the guest lecturer event held at the Reading Room, dozens of Plant Biology students and some lecturers attend the event to listen to Zembold's share and discussed the result with.

[Dr. Dra. Triadiati M.Si.](#), [Plant Physiology and Genetics Division](#), acts as moderator in this event part of Collaboration Research Center (CRC990 EFForTS, Ecological and Socioeconomic Functions of Tropical Lowland Rainforest Transformation Systems (Sumatera, Indonesia). She also has been a collaborator of CRC990 EFForTS since 2013 together with Universitas Jambi and Goettingen University (Germany).