



Host: Univ.-Prof. Dr. Hans Manner

INVITATION

Prof. Dr. Matthias Raddant
(TU Graz)

On the topic:

"The use of trade data in the analysis of global phosphate flows"

In this paper we present a new method to trace the flows of phosphate from the countries where it is mined to the countries where it is used in agricultural production. We achieve this by combining data on phosphate rock mining with data on fertilizer use and data on international trade of phosphate-related products. We show that by making adjustments to data on net exports and by estimating weighting factors we can derive the matrix of phosphate flows on the country level to a large degree and thus contribute to the accuracy of material flow analyses, a result that is important for improving environmental accounting, not only for phosphorus but for many other resources.

Date: April 30, 2024
Starting time: 4.45 p.m.
Location: HS 111.21/Beethovenstraße 8/2

All professors, lecturers, assistants and students are cordially invited to this lecture!