



Global pollination benefits across sub-national scales

Overall, the scientific research emphasises the urgent need to protect our insects and the essential pollination services they carry out: "Given the monetary value of the pollination benefit, decision makers should be able to compare costs and benefits for agricultural policies aiming at structural diversity. Therefore, the information provided in the map should be used when considering modifications of agricultural policies such as the common agricultural policy in the EU." (Lautenbach et al)

"The benefit from pollination is high enough in a large part of the world to seriously affect conservation strategies and land-use decisions if these values were taken into account." (Lautenbach et al)

"Since 2001 the costs of production for pollination dependent crops have also risen significantly, indeed far faster than the prices of non-pollination-dependent field crops such as rice, grains or maize. For the researchers this is an indication that the intensification of agriculture is reflected in a global price increase for pollination dependent cultures. When fields are sprayed with more pesticides, more fertilisers are applied and valuable agricultural structural elements, such as hedges rows of trees, are transformed into fields, the insects vanish." (Helmholtz Centre)

