

Special Issue

Allelopathy and the Role of Allelochemicals in Crop Defense under Cropping Systems

Message from the Guest Editor

Allelopathy in field crops is a chemical interaction by which a crop and/or an organism produces one or more **biochemicals** that influence the germination, growth, survival, and reproduction of other crops. These biochemicals are known as allelochemicals, and can have beneficial (positive allelopathy) or detrimental (negative allelopathy) effects on the target crops. In this Special Issue, we aim at the field crops research all over the world focusing four major topics related to allelopathy and allelochemicals mentioned below:

- Research on the allelopathic phenomenon in crop defense involving the change in crop yield at the field level, especially in crop rotation, continuous cropping, and intercropping.
- Focus on various new research/analytical methods that evaluate the allelopathy phenomenon or allelochemicals from field crops.
- Research on the significance (role) of allelochemicals exuded from the different crop organs under field conditions.
- Research focusing on cultivation techniques that may be able to minimize the allelopathic phenomena arising from crops at the field level.

Guest Editor

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