

# Relation between combating with new emerging weeds and controlling weeds



The East and South European Network on Invasive Alien Species [www.esenias.org](http://www.esenias.org)

## INTRODUCTION

- \* Weeds in managed and unmanaged areas have native or non-native origin. Recent changes throughout the globe are increasing problems with new non-native species in managed areas with newly emerging weed problems, as well as other agricultural pests.
- \* There are three phases of invasive alien plant strategies: Prevention, early detection and rapid response, and containment and control.
- \* Weed science mainly focuses on the control of weeds, although there are some attempts in research and implementation to prevent and detect problems earlier.
- \* Collaboration and networking at various levels internationally is required in order to prevent the rapid spreading of invasive alien plants.

## CONCLUSIONS

- Developing a common database on IAS for the region is one of the main contributions of the new network, as much data for the region are missing or are not available on a higher level.
- The list of weeds in this region is based mainly on external datasets, which are created for western or northern Europe.
- Specific climate and diversity hotspots in ESENIAS countries, as well as geographic orientation, transport network and states (non)harmonization in dealing with weeds do not allow for creating a valid list specific for the region.
- Creating a specific database for invasive alien plants species, with extra data on weeds will be one of the main goals for "plant group experts".

## WHAT IS ESENIAS?

- \* **ESENIAS** is a regional cooperative network, working to prevent the introduction of invasive alien species and managing the threat of Invasive Alien Species in the West Balkan region. **ESENIAS** will contribute to developing a common regional IAS policy and raising awareness among decision makers and the general public.
- \* The main goal of **ESENIAS** is to establish a common information system [www.esenias.org/](http://www.esenias.org/) to facilitate information sharing and stimulate development of knowledge about IAS in East and South Europe to facilitate early detection, eradication, control and mitigation of IAS.
- \* **ESENIAS** brings together experts on biodiversity, environmental management and pest control from national and regional environmental and agriculture departments, and governmental and public organizations.

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