

Szent István University Institute for Wildlife Conservation

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Jointly for our common future



Institute for Wildlife Conservation

- Teaching activities
 - Wildlife management BSc course >200 students (full time and part time as well)
 - Wildlife management MSc course >25 students
- Staff and technical background
 - 17 colleagues with diverse graduations – biologists, forest engineers, economists, vet, agricultural engineers
 - computer network, GIS laboratory, radiotelemetry equipment, GPS, various traps, off-road car

Scientific Capabilities

- Development and operation of the GIS-based National Game Management Database
 - collecting, storing, processing and analysing game management data
 - data services and map preparation for various users
 - Three-level planning (local, regional, country-wide)
- Decision support and wildlife policy support
- Monitoring programs by questionnaires and field studies
- Conflicts and cooperation between game management, forestry and agriculture
- Space and time use of many wild mammals
- Cooperation with administration, NP-s, managers etc.
- Project management experiences incl. LIFE Nature, FP7

WP3 - Database Development

- **Responsible partner:** State Nature Conservancy of the Slovak Republic
- Role of the SZIU IWC within it:
 - Research programs related to the spreading of carnivores
 - Estimate the presence/absence of predators and their densities in the study areas by mail questionnaire surveys
 - Estimate the present occurrence area of non-indigenous predators in the study areas, such as raccoon and raccoon dog
 - Estimate the presence and the population density of the golden jackal in the study areas by acoustic method
 - Database filtering

WP3 - Database Development

- **Responsible partner:** State Nature Conservancy of the Slovak Republic
- Role of the SZIU IWC within it:
 - Research programs related to the forest large herbivore interactions:
 - Compare
 - the judgement of game-forest relationships from ecological (biodiversity conservation) and economical aspects,
 - the main methods to estimate forest game damage,
 - the existence and operation of compensation systems of forest game damage in different Carpathian countries.
 - Provide
 - an effective and reliable sampling of forest understory and regeneration layer, and their game damage.
 - an evaluation technique on game-forest relationships to be involved in the forest and wildlife management planning system.
 - It can be a decision support tool for a more natural game and forest management,
 - best practice examples for the integrated game and forest management.

WP4 - Integrated Management of Carpathian Natural Assets and Protected Areas

- **Responsible partner:** WWF DCP
- **Role of the SZIU IWC within it:**
 - collect information on existing socio-economic analyses in Hungary and mainly in the region
 - take part in the stakeholder meeting organized by Duna-Ipoly National Park and collect their experience about forest management
 - write proposals of common integrated management measures to the strategic paper

WP5 – Continuity and connectivity

- **Responsible WP Partner:** EURAC Research
- **Role of the SZIU IWC within it:**
 - Discover the availability of existing data on legal, natural, economic/physical barriers.
 - Access, collection, and delivery of the available respective datasets.
 - Proposals on methodology of data analysis.
 - Contribution and assistance in data analyses.
 - Feedbacks and contribution to the elaboration of the operational manual, identification of the barriers, and report on barriers.