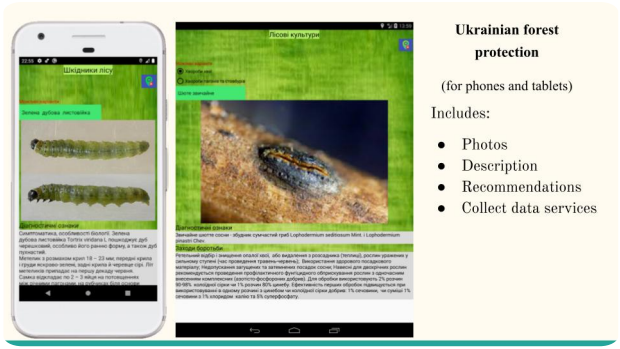
Ukrainian forest protection



UFP

Combining the capabilities of the Geoportal "Forests of Ukraine" and the mobile application UFP for collecting data in the forest on the outbreaks of pests or diseases and its diagnostics and monitoring. App aimed at professional foresters.

Mobile app Ukrainian Forest Protection for smartphones based on Android OS.

The app uses mobile devices for collection of data about pests and diseases. It has several levels of use:

- at first forestry specialists collect data about discovered cases
- this data is synchronized at all mobile devices of the enterprise and enters the database of "Forests of Ukraine" Geoportal
- furthermore, other forest specialists can review the information about the pest and disease cases, discovered in the forest enterprise
- if needed, the damaged area can be found in the field using the built-in GPS receiver, then verified or deleted.

For the diagnostics of the damaged area, the built-in digital handbook can be used, which includes information about all pests and diseases found in the forests of Ukraine, structured with the visual materials, data on diagnostic features and protection/management measures.

After introduction of any of changes in the app, all the information become accessible at the "Forests of Ukraine" Geoportal, which allows to:

- print out reports for the enterprise level and regional level,
- review of identified and verified cases on the map,
- see the dynamics by pest and disease types, by the time,
- define and identify the location, distribution features and development of pathological processes in the forests of Ukraine.

PLUS DE DéTAILS

DéFI CONCERNé

1. Améliorer la résilience de la forêt et son adaptation au changement climatique

DOMAINE

Inventaire, diagnostic, monitoring

Getsion forestière, sylviculture, services écosystémiques, résilience

Perturbations forestières, risque, réponse aux calamités

TYPE DE SOLUTION

Plateforme de données, hubs de data, open data

MOTS-CLéS

pests and diseases

mobile app

data management

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Ukraine

ECHELLE D'APPLICATION

Nationale

DéBUT ET FIN D'ANNéE

2019 -

INFORMATIONS DE CONTACT

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REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://forestry.org.ua

SITE WEB DU PROJET

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RESSOURCES

Video review of selected possibilities of the system

RéFéRENCE DU PROJET

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

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