

PIS-micromet data

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WG1 – Networking and communication

CA20108 - FAIRNESS



Funded by
the European Union



www.cost.eu

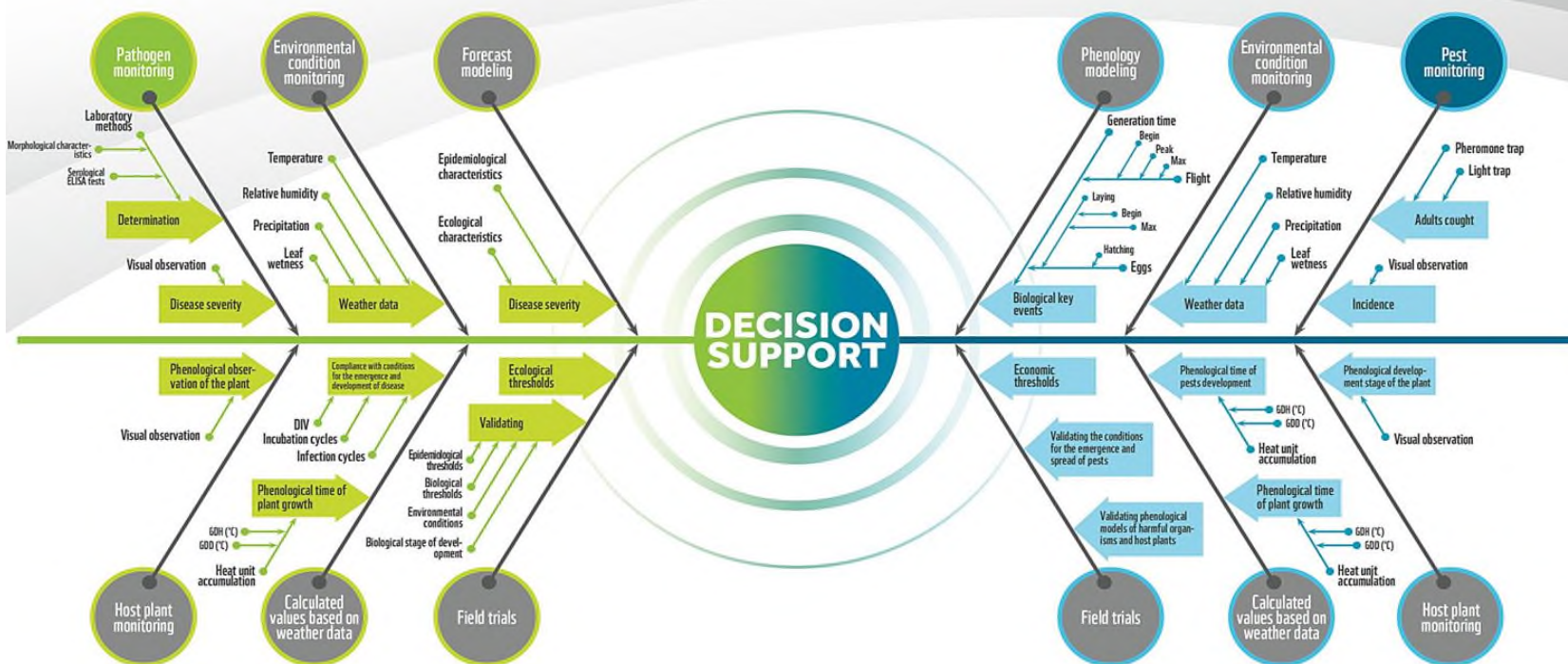
PIS-Forecasting and Warning Service in Plant Protection

Forecasting and Warning Service of Serbia in plant protection

Authors: Republic and Regional Centres, Forecast and Warning Service in Plant Protection, Republic of Serbia
 WWW.PISSRBIJA.COM • WWW.PISVOJVODINA.COM



155



33 HOST PLANTS
 150 HARMFUL ORGANISMS

34 REGIONAL OFFICES
 2 700 RECOMMENDATIONS

RECOMMENDATIONS

- Why?
- When?
- What?

www.pisvojudina.com
www.pissrbija.com

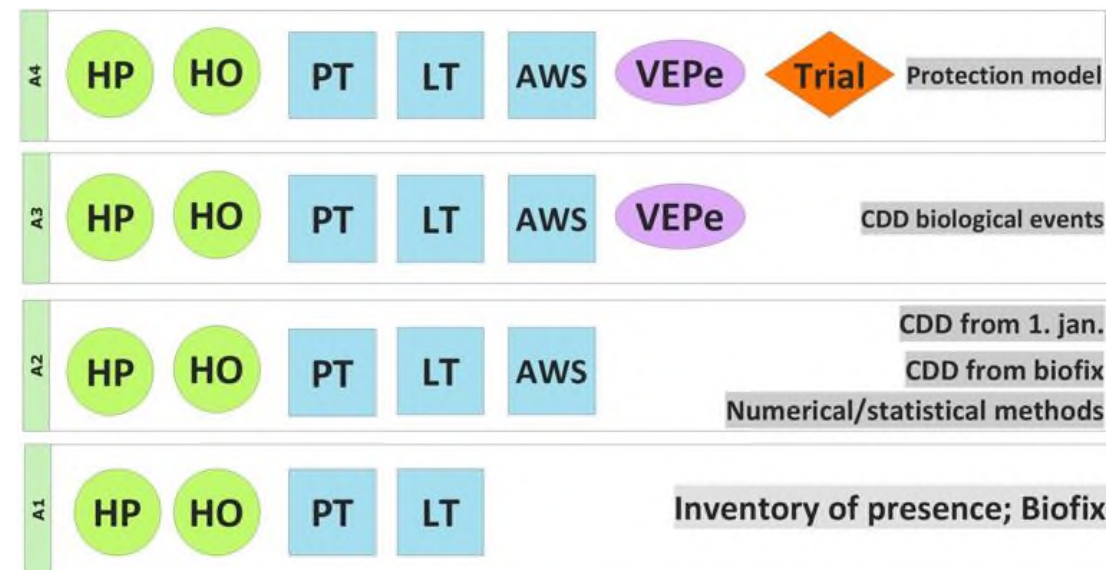
Monitoring in PIS

Monitoring tools

Monitoring of harmful organism	HO
Pheromone trap	PT
Light trap	LT
Spore catcher	SC
Visual examination of pathogens	VEPa
Visual examination of pests	VEPe
Trial	Trial
Laboratory analyzes	Lab
Monitoring of host plant	HP
Visual examination of host plant	VEHP
Monitoring of enviro. condition	EC
Automatic weather station	AWS

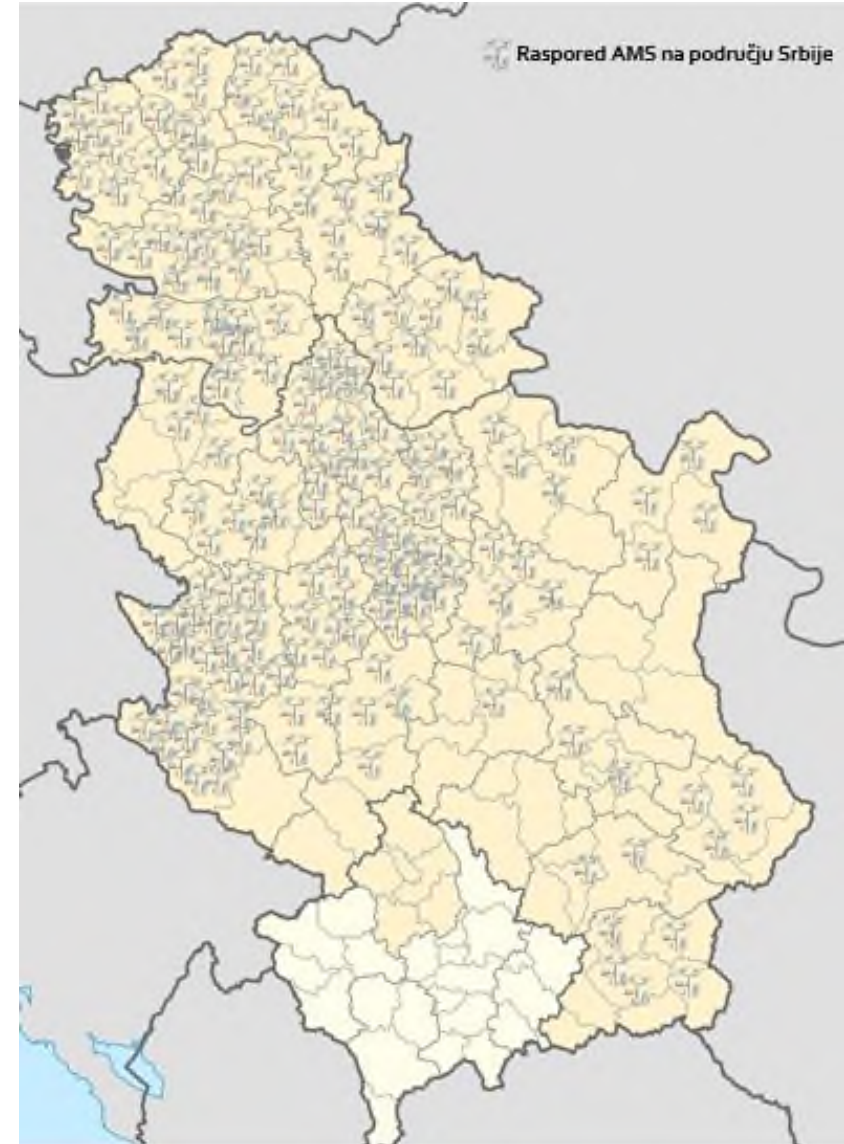


Tool aggregation levels



Micrometeorological data

186 AWS



Micrometeorological data



1. Pessl instruments
2. Davis+Meter+Campbell
3. MeteoBot

Micrometeorological data



Micrometeorological data



Micrometeorological data



Micrometeorological data



Micrometeorological data



Micromet data in use by PIS

DISEASES

Conditions for infection



HOST PLANTS
Growing deegre-days



PESTS

Acumulated deegre-days



80 CDD



PIS- Contribution

DATA PROVIDERS

- WG 1
- 186 AWS
- 2010-present
- Hourly values
- Air temperature, soil temperature, relative humidity, leaf wetness, precipitation

STAKEHOLDERS

- Plant protection specialists
- Field observers
- Agricultural producers