

# Prevention and intervention working together for risk reduction in Romania

General Inspectorate for Emergency Situations

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# Content

- Legislative framework
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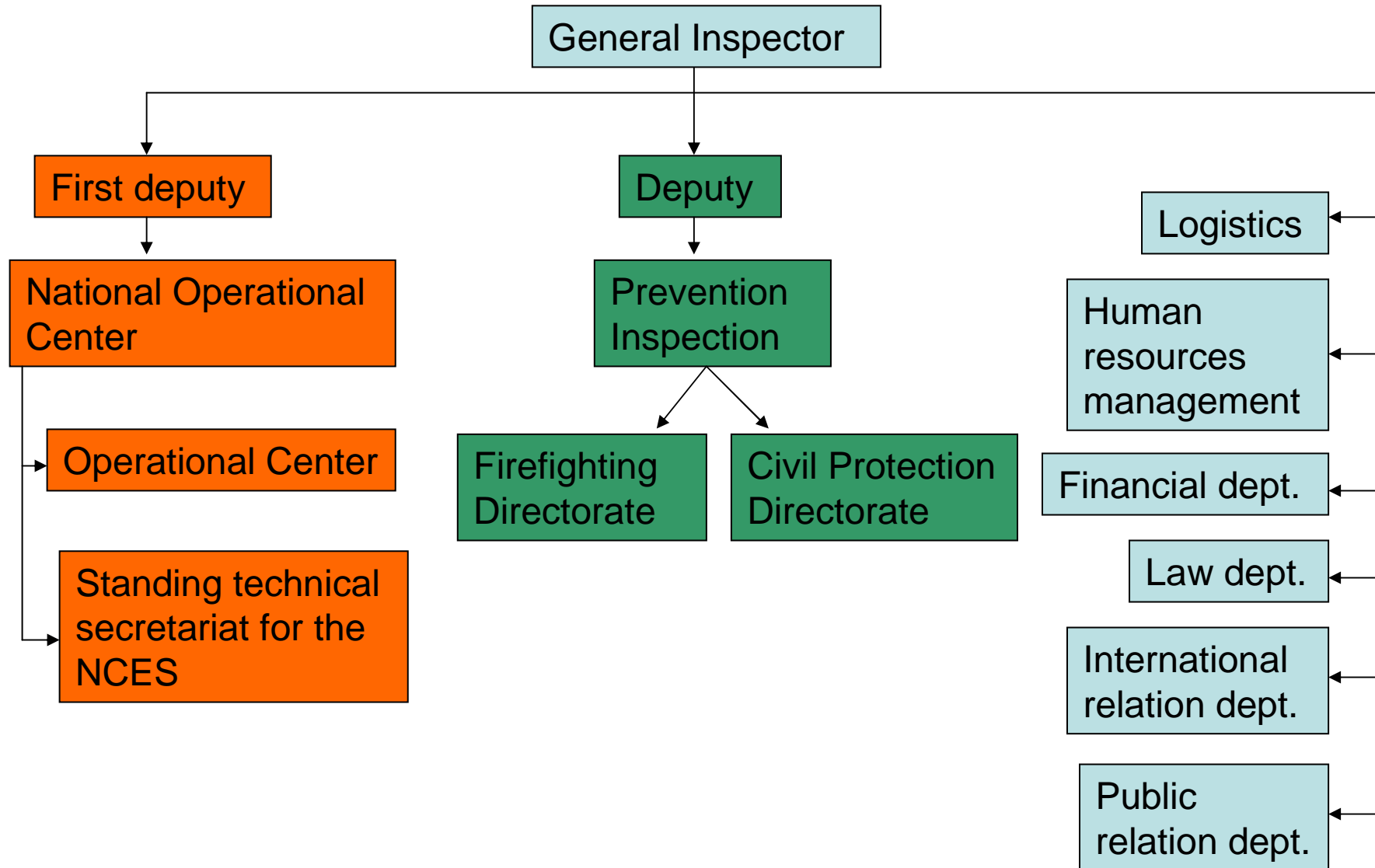
# Legal framework

- There are over 60 relevant legal norms in the field of disaster risk reduction elaborated between 2004 - 2007
- National strategy for prevention against disasters (2006);
- National strategy for civil protection (2005);
- National strategy of flood risk management (2005);
- National strategy of climatic changes for 2005 – 2007 (2005);
- National strategy for public information and education for emergency situations (2006);
- Government Ordinance (GO) no. 21/15.04.2004 regarding the National System for Emergency Situations Management approved by Law 15/2004;
- Governmental Decision no. 2288/09.12.2004 for repartition of the main support function to ministries, other central organs and NGO's for prevention and management of emergency situations;
- Law no. 481/04.11.2004 for civil protection

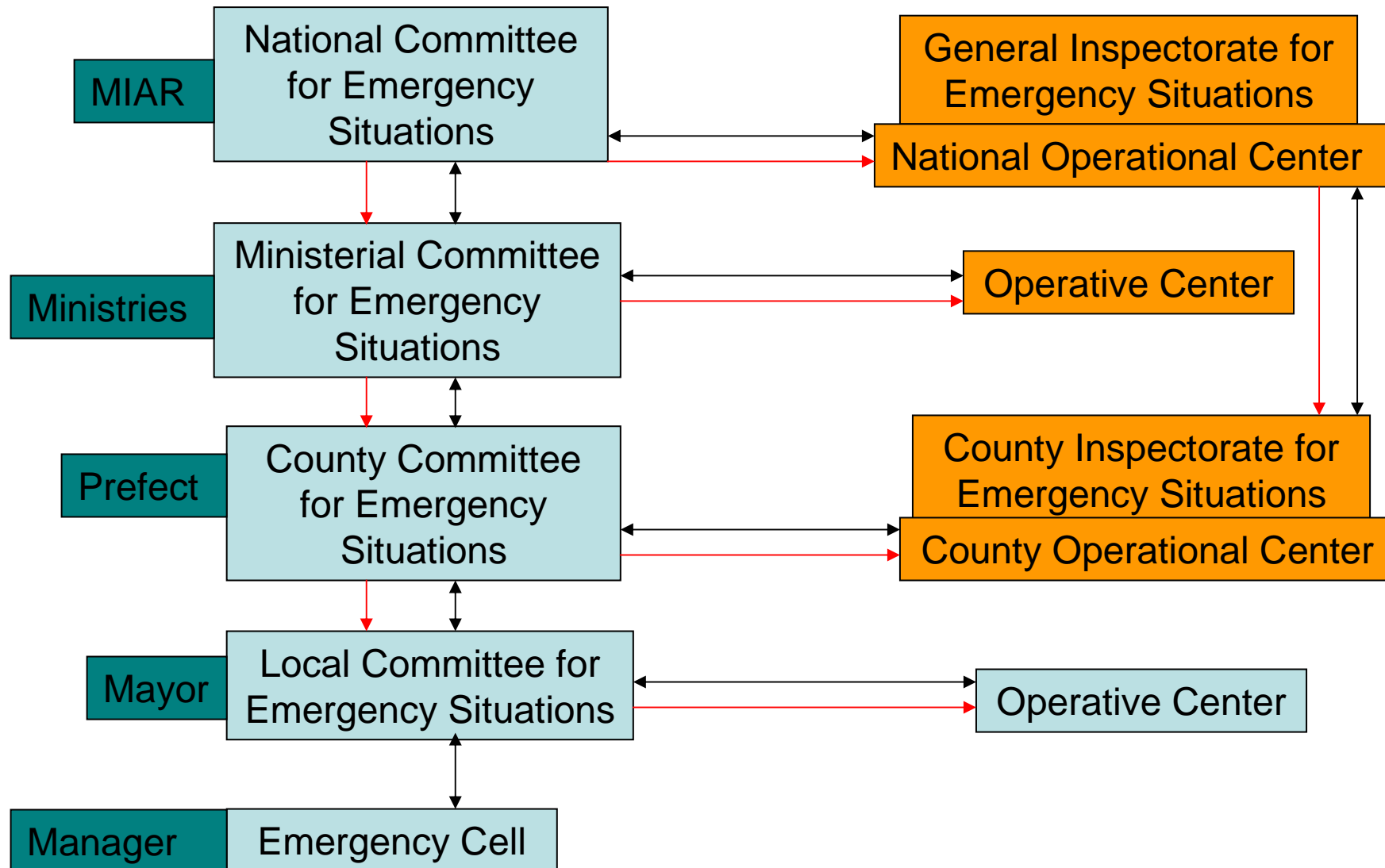
# Organization of NESM

- Gov. Decision 21/2004—art. 1(2) ... “it is composed of a network of structures tasked within the emergency situation management, on levels and areas of competence, having the necessary resources and infrastructure to carry out their tasks.”
- Committee for emergency situations;
- General Inspectorate for Emergency Situations;
- Professional public services for emergency situations;
- Operative centers for emergency situations;
- Action commander.

# Structure of GIES



# The organization of NESM



# Responsibilities of the various ministries in the field of prevention and management of the emergency situations

## **MDPWH**

- Earthquakes
- Landslides

## **MEF**

- Accidents in industry
- Accidents to gas pipelines and power lines
- Accidents to dams

## **MIRA**

- Fire
- Nuclear / radiological accidents
- Off-site effects of chemical accidents
- Damages to the public utilities systems
- Explosion of remaining ammunition from the wars
- Public events
- Sea shore pollution
- Falling of object from atmosphere and cosmos

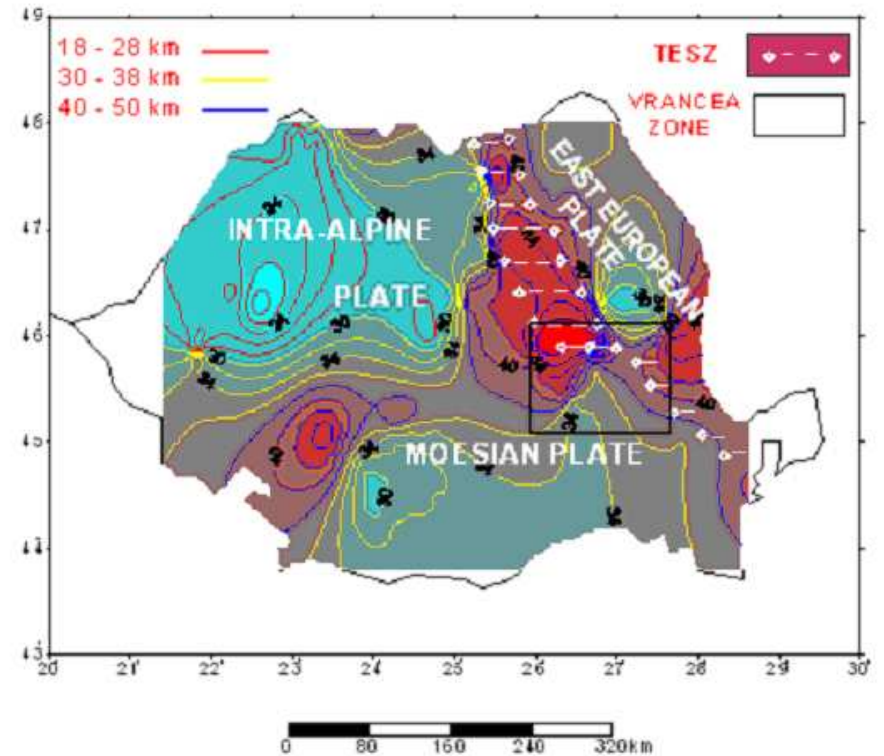
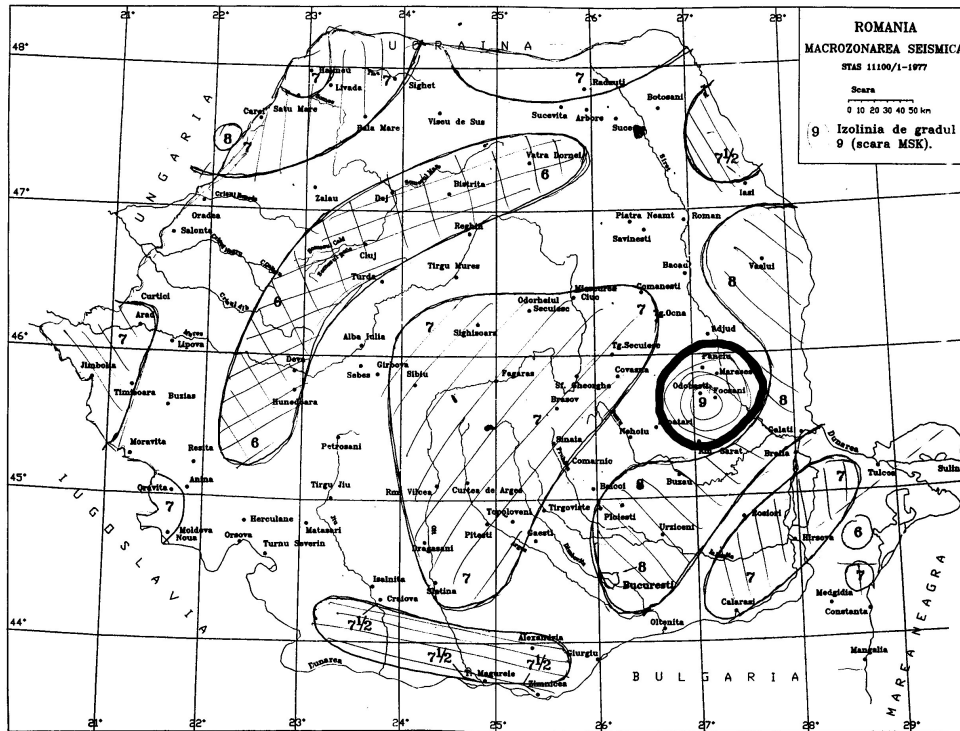
## **MESD**

- Dangerous meteo phenomena
- Water pollution
- Accidents to the dams

## **MT**

- Major accidents on transport routes

# Risk assessment





# DEZVOLTAREA SPATIALA DURABILA IN BAZINUL HIDROGRAFIC AL RAULUI TISA

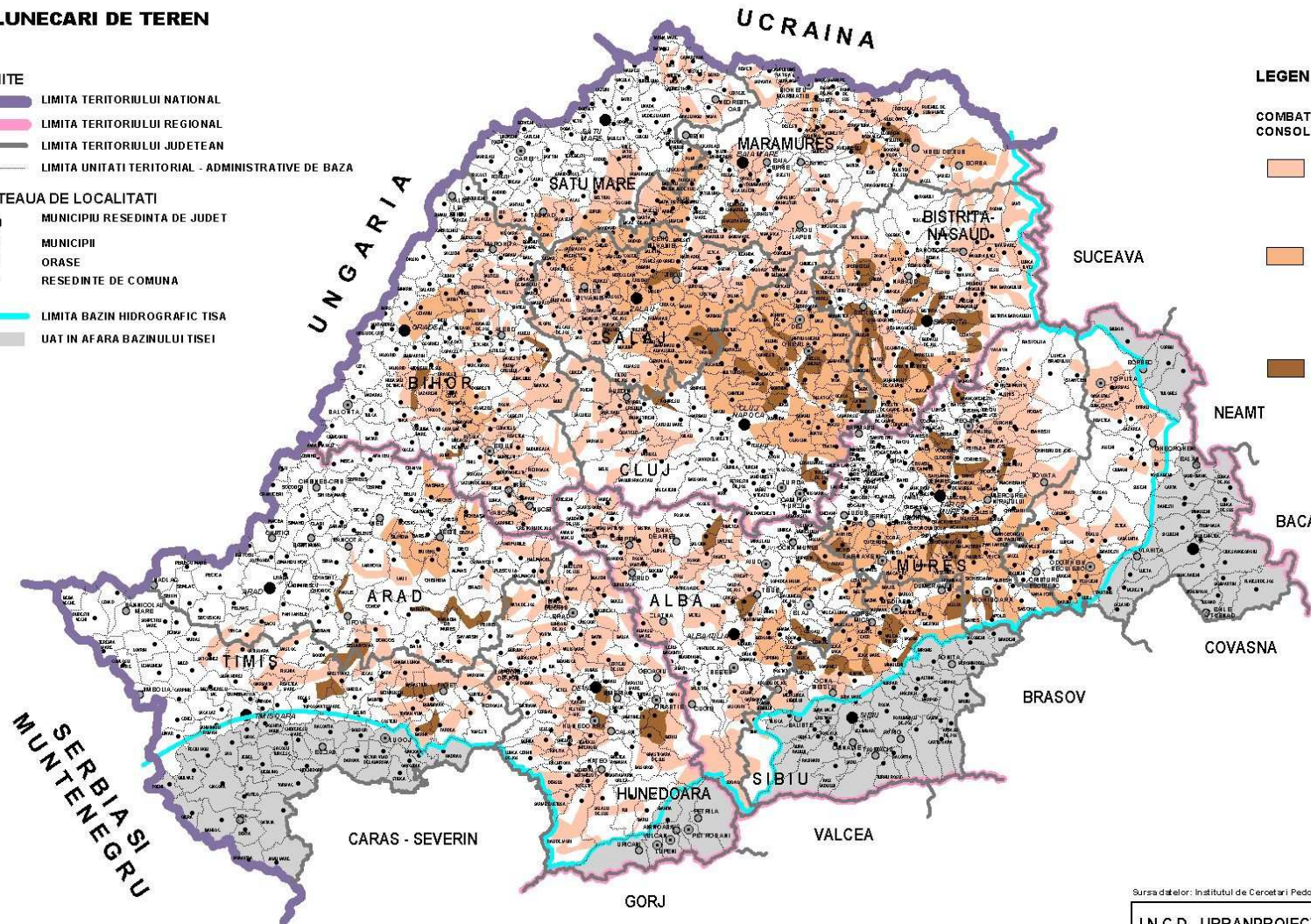
## STRATEGIA DE DEZVOLTARE SPATIALA

### ZONE DE RISC NATURAL

#### ALUNECARI DE TEREN




PROGRAMUL NATIONAL DE CERCETARE - DEZVOLTARE  
SUBPROGRAMUL AMENAJAREA TERITORIULUI SI TRANSPORTURI  
**AMTRANS**

- LIMITE**
-  LIMITA TERITORIULUI NATIONAL
  -  LIMITA TERITORIULUI REGIONAL
  -  LIMITA TERITORIULUI JUDETEAN
  -  LIMITA UNITATI TERITORIAL - ADMINISTRATIVE DE BAZA
- RETEAUA DE LOCALITATI**
-  MUNICIPIU RESEDINTA DE JUDET
  -  MUNICIPII
  -  ORASE
  -  RESEDINTE DE COMUNA
-  LIMITA BAZIN HIDROGRAFIC TISA
-  UAT IN AFARA BAZINULUI TISEI



#### LEGENDA

##### COMBATAREA ALUNECARILOR DE TEREN SI CONSOLIDAREA STABILITATII TERENURILOR

-  TERENURI CU EROZIUNE SLAB-MODERATA CU RISC RIDICAT DE ACCENTUARE A EROZIUNII PE CARE SE RECOMANDA EVITAREA PASUNATULUI EXCESIV SAU ALTE ACTIVITATI CARE FAVORIZEAZA EROZIUNEA (DEFRISARI ABUZIVE, TURISM SUPRADIMENSIONAT ETC.)
-  TERENURI CU EROZIUNE MODERAT - PUTERNICA PE CARE SE RECOMANDA EVITAREA SCHIMBARII FOLOSINTELOR (EX: PASUNI CU ARABIL) SAU EVITAREA EXECUTARII LUCRARILOR CARE DUC LA DESTABILIZAREA VERSANTILOR (CONSTRUCTII GRELE - CLADIRI, SOSELE, DEFRISARI NECONTROLATE)
-  TERENURI INSTABILE AFECTATE DE EROZIUNE PUTERNICA - EXCESIVA ASOCIATA CU RAVENARI SI ALUNECARI DE TEREN ACTIVE, PE CARE SE PROPUN MASURI SPECIALE DE PROTECTIE (LUCRARI PENTRU CAPTAREA IZVOARELOR DE COASTA, INTERCEPTIA PANZELOR FREATICE ETC.)

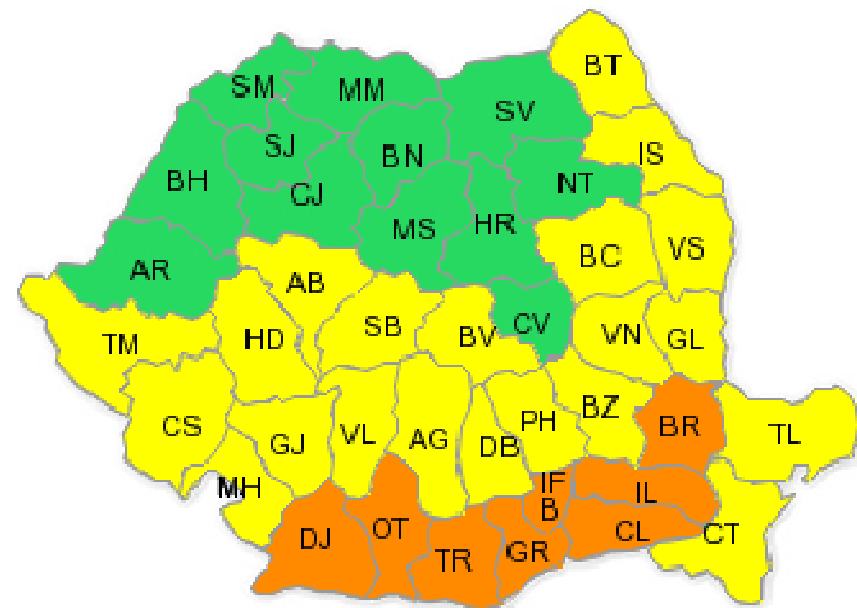
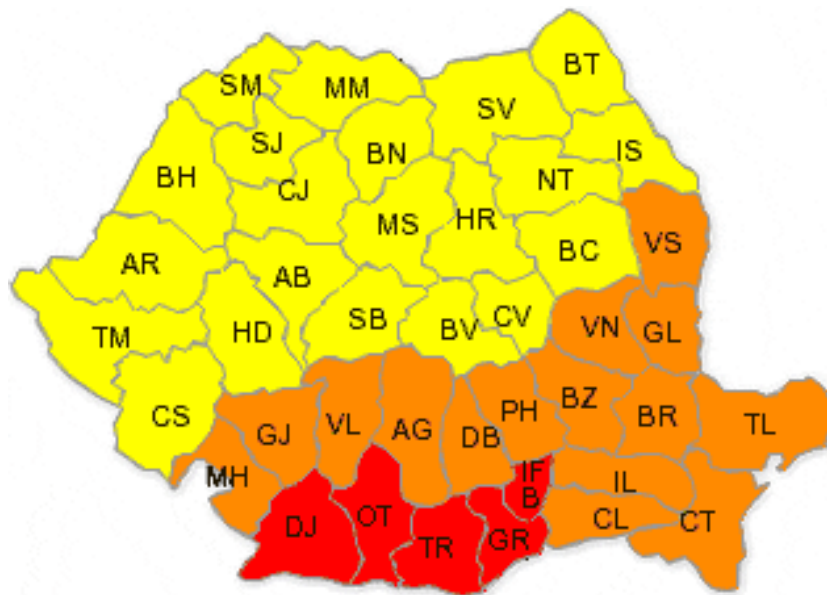
0 50 100 Kilometers

Sursa datelor: Institutul de Cercetari Pedologice si Agrochimice - ICPA - Studiu 1998

<b>I.N.C.D. URBANPROJECT</b>		Beneficiar: M.E.C.T.		PR. NR. 5491
Titlu proiect: DEZVOLTAREA SPATIALA DURABILA IN BAZINUL HIDROGRAFIC AL RAULUI TISA		<b>ZONE DE RISC NATURAL</b>		PL. NR. 10
DIRECTOR GENERAL	DR. DOMA ESEBLETE	<b>ALUNECARI DE TEREN</b>		DATA
SEF SECIE	DR. SEREAN HADEJDE			mai 2008
DIRECTOR PROIECT	DR. VALENTINA DUBITRU			
INTOCBIT	DR. ELENA STAN OIU			
REACTIVARE	DR. CRISTINA BARBREA			

**GRADUL DE VULNERABILITATE LA INUNDATII  
AL TERITORIULUI AFERENT B.H. TISA (PE JUDETE)**





**Green** – No meteo or hydro warnings

**Yellow** – Meteo / hydro phenomena (wind, precipitations, floods, drought) normal for the area but which temporarily may have a dangerous character

**Orange** - Meteo / hydro phenomena (wind, precipitations, floods, drought) with high intensity

**Red** - Meteo / hydro phenomena (wind, precipitations, floods, drought) with very high intensity

The information are sent trough least 2 ways (MIAR – Prefecture – Localities and GIES – CIES – Mayors) in advance with least 24 hours.

# Emergency situations preparedness and planning

- The responsibility for the elaboration of national plans for specific emergency systems is up to National Committee and Ministerial Committees for Emergency Situations, as well as county committees for emergency.
- Planning activity for defense against disasters are set up through following documents:
  - At national level: - National strategy for defense against disasters adopted by National Committee for Emergency Situations;
  - At ministries level – Operative plans for defense, elaborated by the Ministries Committees for Emergency Situations, for specific disasters;
  - At county and local level - Plans for protection and intervention in case of specific disasters.
  - At economic agents level the on-site emergency plans are elaborated under coordination of the CIEs. This plans cover natural and technological disasters which can happened and with relevance for economic agent and surrounding population.
- The basic principle in these plans is to use for intervention actions, all possible human and material resources.

# Emergency situations preparedness and planning

- These plans are regularly tested through exercises;
- It's encouraging public participation;
- Information about the risks and appropriate behavior are spread periodically through:
  - Mass media
  - Leaflets and brochures
  - Educational program in schools
  - Firefighting and civil protection contests

- The level of security accepted for a country depending by:
  - Existing risks
  - Safety culture
  - Economical strength
- Romania has almost all variety of risks
- It was made a lot of progress regarding volunteers participation in risk reduction process
- We stress on continuation process of understanding the importance of this participation
- Gaps:
  - The relatively poor endowment of the intervention teams;
  - The relatively low implication of the local communities and civil society (it is perceived like an imposed thing).

Thank you for attention

