International Models in Emergency Management – Czech Republic

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Presentation Overview

› Czech Republic, its security system and legal framework
› Integrated rescue system
› Crisis management bodies
› National Risk Assessment
› States of crisis and crisis response measures
› Awareness raising and exercises
Czech Republic

- 78,866 km²
- 10,701,777 inhabitants
- 6,253 municipalities
- 1.881 km borders, no Schengen external
- 14 regions
Legal Framework of the Security System

Constitution of the Czech Republic
Const. Act no. 1/1993 Col.

Security of the CR Act

Crisis Management Act
Act No. 240/2000 Col.

Economic Measures for Solving Crisis Situations Act
Act No. 241/2000 Col.

Defence of the CR Act
Act No. 222/1999 Col.

Integrated Rescue System Act
Act No. 239/2000 Col.
Crisis

Emergency

Event (outside IRS)
Security System of the CZ

PRESIDENT, PARLIAMENT, GOVERNMENT

ARMED FORCES - military
ARMED SECURITY FORCES - non-military
RESCUE AND EMERGENCY SERVICES

ARMY
National defence

POLICE
Public order
Internal Security

FRS
Preparedness
Rescue
Population protection

National, regional and municipal authorities, companies, etc.
Integrated Rescue System

IRS = coordinated proceedings of its bodies during preparation for emergencies and during rescue and remedy works

It is not an institution, but a **system of** links and **cooperation** of its units as defined by the Act on IRS

Its existence does not affect other activities of its bodies based upon special laws
Integrated Rescue System

› Multi-purpose, IRS it was established due to necessity of everyday joint rescue operations → tested on daily basis
› IRS is used for preparation for emergency events and when:
  › two or more IRS bodies
  › have to carry out rescue or/and remedy works
  › simultaneously
› Joint commander of rescue operation (usually a firefighter) and joint operations center
› Operational activity across the whole territory of CZ
› 24/7 service for emergency calls reception & their evaluation
Crisis Management Bodies

- Municipal Authorities
- Authorities on Municipality with Extended Competency Level
- Authorities on Regional Level
- Czech National Bank
- Ministries and other Central Administrative Authorities
- Government
Security Councils

National Security Council

Regional Security Council

Security Council of Municipality with Extended Competences
Crisis Staffs

- CCS
- CS of Ministry or CAA
- Regional CS
- CS of Municipality with Extended Competency
- (CS of Municipality)

+ Central Coordination of Rescue and Remedy Works Staff
National Risk Assessment

Results of multicriteria analysis of natural and man-made threats

Probability vs. Impact

- Man-made technogenic
- Man-made sociogenic
- Natural abiotic
- Natural biotic

Limit curve R30
Limit curve R10

States of Crisis

**State of Danger**
› non-military threat
› only part of territory of the CZ
› declared by regional governor

**State of Emergency**
› non-military threat
› part / whole territory of CZ
› declared by Government/Prime minister

**State of Peril to the Country**
› military/non-military threat (sovereignty/territorial integrity/dem.principles in danger)
› part / whole territory of CZ
› declared by Parliament (governmental proposal)

**State of War**
› military threat or situation (sending military forces abroad)
› always the whole territory of the CZ
› declared by Parliament
# Overview of past States of Crisis

<table>
<thead>
<tr>
<th>Year</th>
<th>Type</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>State of Emergency</td>
<td>Summer floods</td>
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<tr>
<td>2002</td>
<td>State of Danger</td>
<td>Summer floods</td>
</tr>
<tr>
<td>2004</td>
<td>State of Danger</td>
<td>Windstorm</td>
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<tr>
<td>2004</td>
<td>State of Danger</td>
<td>Rockslide</td>
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<tr>
<td>2005</td>
<td>State of Danger</td>
<td>Waterdam accident</td>
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<td>2006</td>
<td>State of Danger</td>
<td>Spring floods</td>
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<tr>
<td>2006</td>
<td>State of Emergency</td>
<td>Spring floods</td>
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<tr>
<td>2006</td>
<td>State of Danger</td>
<td>Hazardous chemical substances</td>
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<tr>
<td>2006</td>
<td>State of Danger</td>
<td>Rockslide</td>
</tr>
<tr>
<td>2007</td>
<td>State of Emergency</td>
<td>Windstorm Kyrill</td>
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<tr>
<td>2009</td>
<td>State of Danger</td>
<td>Flash floods</td>
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<tr>
<td>2010</td>
<td>State of Danger</td>
<td>Floods</td>
</tr>
<tr>
<td>2013</td>
<td>State of Danger</td>
<td>Floods</td>
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<tr>
<td>2013</td>
<td>State of Emergency</td>
<td>Summer floods</td>
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<tr>
<td>2014</td>
<td>State of Danger</td>
<td>Landslide after heavy rain</td>
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<td>2016</td>
<td>State of Emergency</td>
<td>Illegal storage of hazardous chemical substances</td>
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<tr>
<td>2017</td>
<td>State of Danger</td>
<td>African swine fever</td>
</tr>
<tr>
<td>2020-2021</td>
<td>State of Emergency</td>
<td>SARS-CoV-2</td>
</tr>
</tbody>
</table>
Crisis Response Measures

Exceptional measures to cope with the crisis

Stemming from the laws (complete list) => limit basic rights and freedoms

Examples:
- evacuation of people and property from endangered places
- ban of entry, stay and movement of people in defined places
- working duty, helping duty, or duty to provide IRS with material means
- immediate building of structures, demolishing them, performing terrain changes
- measures to protect state borders
- use of Army to execute the CRMs
- limit the entry to CZ territory to persons who are not CZ citizens
- limit the use and carrying of weapons

Use of regulatory measures
- regulation of sale / export of certain goods or resources
- regulation or ban of land, rail, air transport

...
Awareness Raising

- Right to receive information about risks
  - all individuals and companies have the right to be granted information about possible threats to the population, planned emergency measures and how would these be performed
  - information for inhabitants of specific locations (contingency planning zones)
  - obligation for TV and radio broadcasters to broadcast information on the declared state of crisis and related crisis response measures

- Population preparation for emergency events
  - systematic education of pupils and students at schools
  - educating the educators
  - project and events for the public

- Preparation of civil protection experts
- Crisis management exercises
Population Preparation for Emergencies

Knowledge and skillset:
› responsible behaviour, not creating dangerous situations
› be aware of possible risks and know how to recognize them
› know what to do in case of various emergencies
› protect yourself and possibly others (who cannot help themselves)
› preparing your home for difficult situations (food, water, medical stockpiles)

Because:
› not enough rescuers to rescue everyone (esp. large-scale emergencies)
› increased societal resilience and increased security
› informed and prepared people are less afraid
Population Preparation for Emergencies

Target groups:
› Population in general
  › children – kindergartens, elementary schools, high schools
  › adults in general
  › elderly
  › disabled
  › foreigners
Exercises

- International / Cross-border / National
- Cross-regional / Regional
- Integrated Rescue System units exercises
- Table top / Field / Combined
- Regular / Ad hoc
Zone Exercise

- National, field and table-top, each atomic power plant every 4 years
- Scenario: simulated incident resulting in radioactive material leaking outside the plant
- After each exercise evaluation, comments, improvement recommendations and mandatory tasks

Lessons learned:
- attention to media communication
- update outer contingency plan
- data used for determining the number of evacuees must be kept up to date + same source
- need to buy more radiation detection portals
- better cooperation between crisis staffs
Drill Exercise

- Field cross-border exercise organized by ČEPS
- Scenario: extreme weather causes the failure of the electricity transfer grid between Czech and German substations; complications: forest fire with injured firefighter, IED discovery
QUESTIONS?

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