

Lessons Learned from Chernobyl Accident

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Chernobyl lessons learnt

1. Organizing lessons
2. Lagislative lessons
3. Radiological lessons
4. Technological lessons
5. Retrospective lessons
6. Lessons for future

Red forest



Organizing lessons

- Government Commission
- Chernobyl NPP personnel
- Civil defense (iodine phase)
- Armed forces (chemical troops)

Legislative lessons

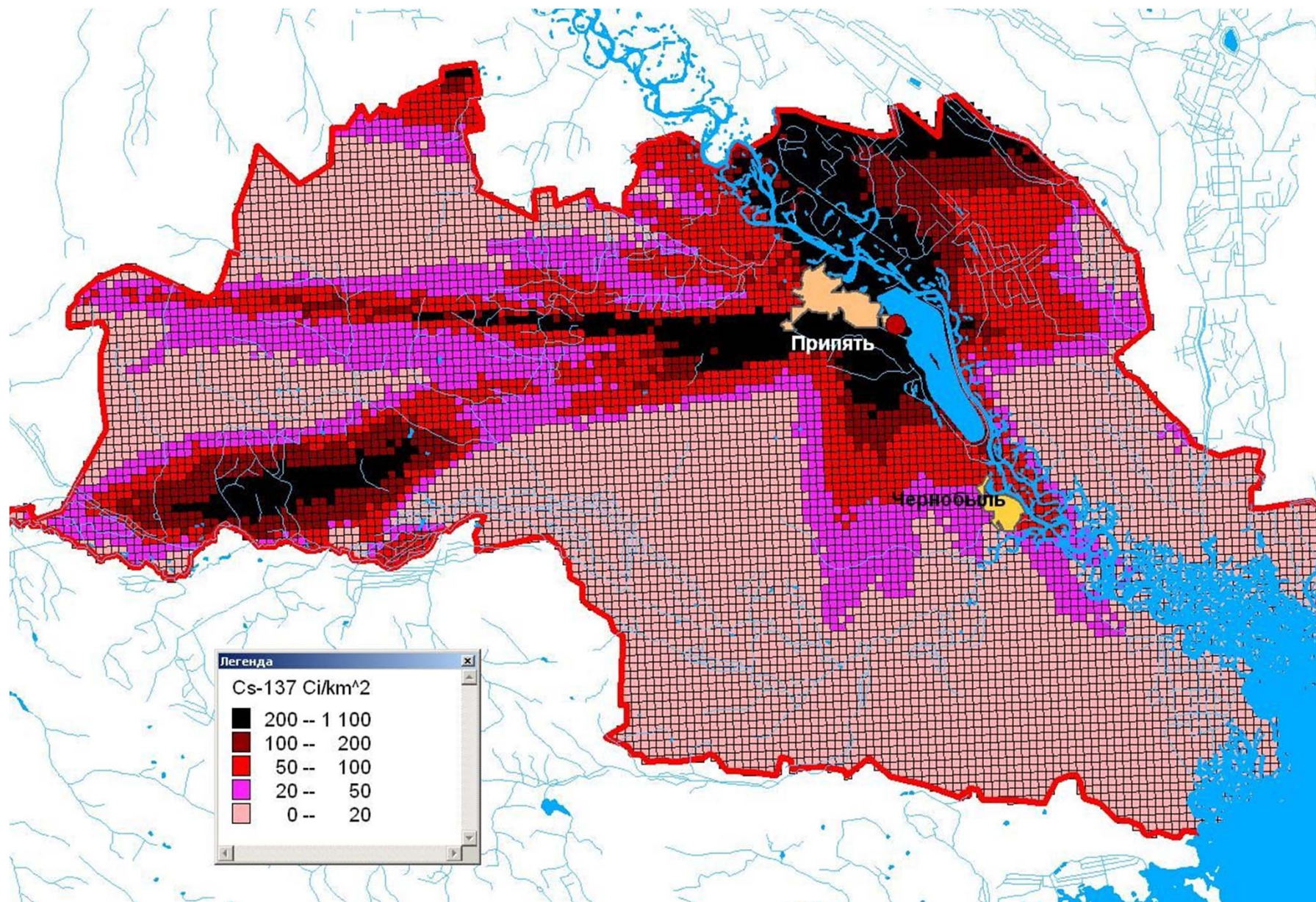
- Legislative basis
- Constitution of Ukraine
- Basic laws
- Exclusion zone

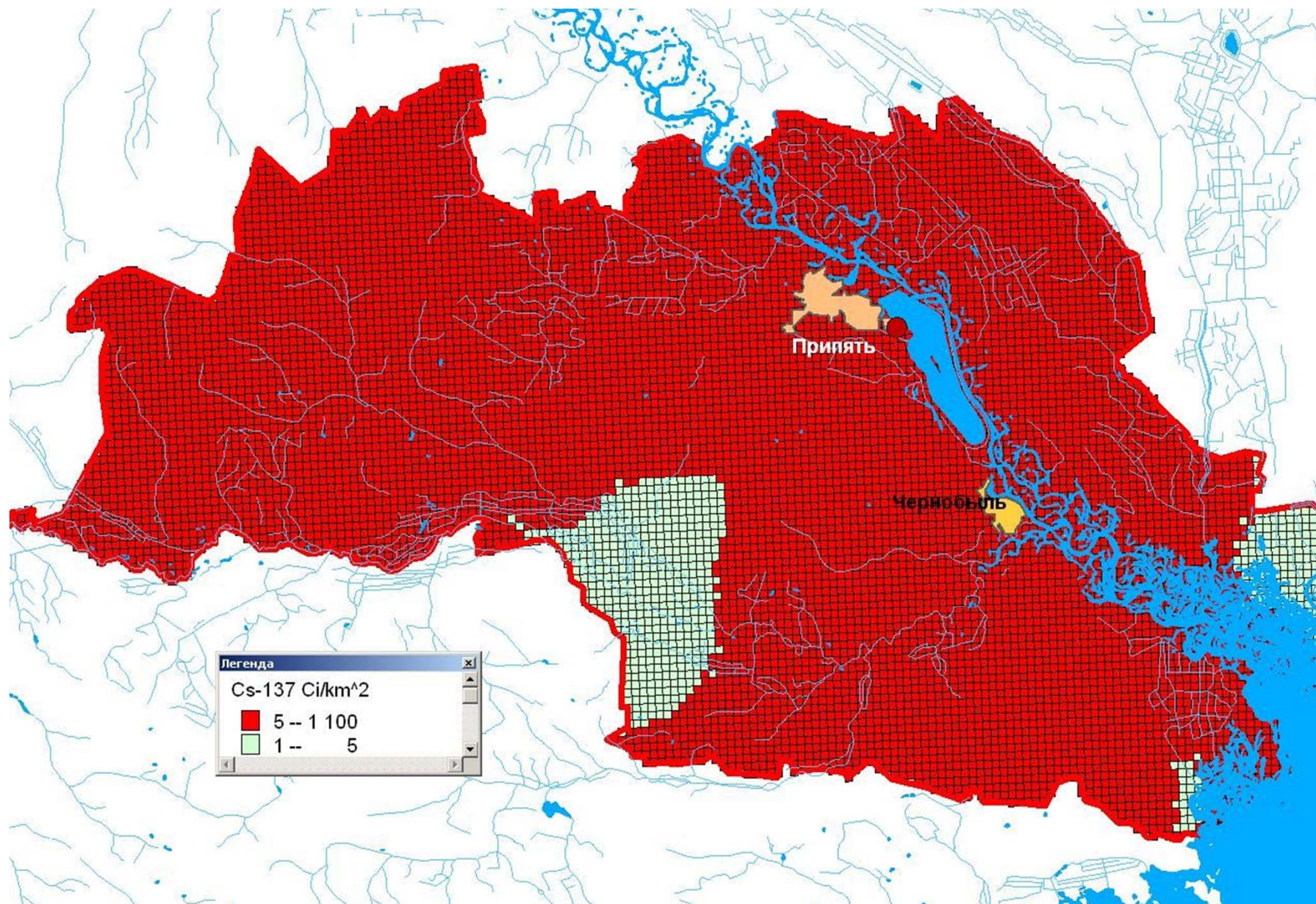


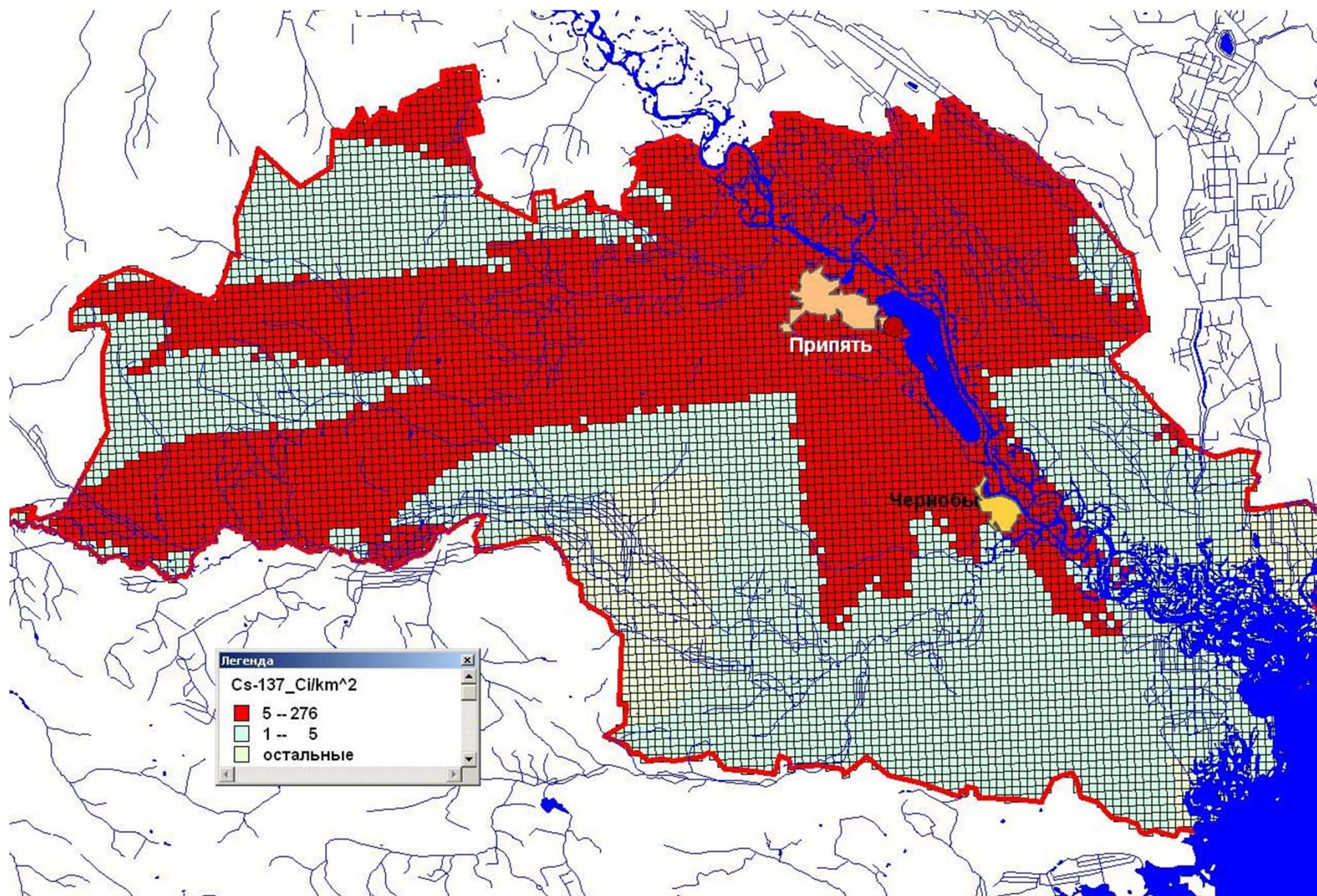


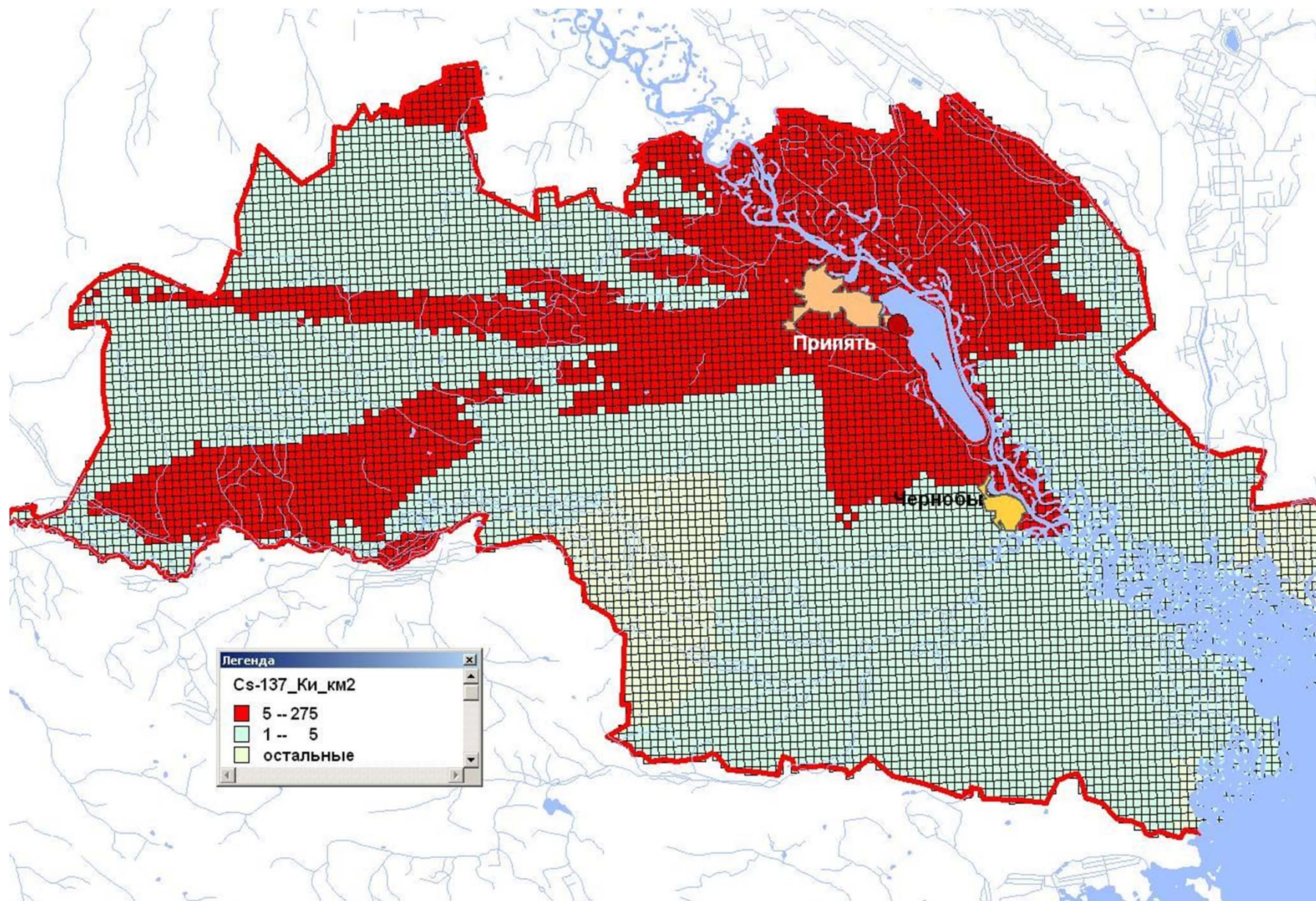
Radiological lessons

- Cleanup
- Autoremediation
- Phytoremediation
- Decontamination









Technological lessons

- Radioactively contaminated materials
- Radioactive waste
- Sites for temporary localization
- Sites for disposal of radioactive waste
- The Shelter Object
- Vector Complex















Retrospective lessons

- The Chernobyl disaster was not inevitable.
- Analysis has indicated that accident at Chernobyl NPP would not happen if:
 - Reactor physics was understood;
 - Reactor control system was valid.

Lesson for future

- Global accidents at NPPs may be prevented
- Si vis pacem, para bellum
- To be informed is to be armed
- Training of population for actions in case of emergencies must be of top priority for the society



THANK YOU FOR ATTENTION