

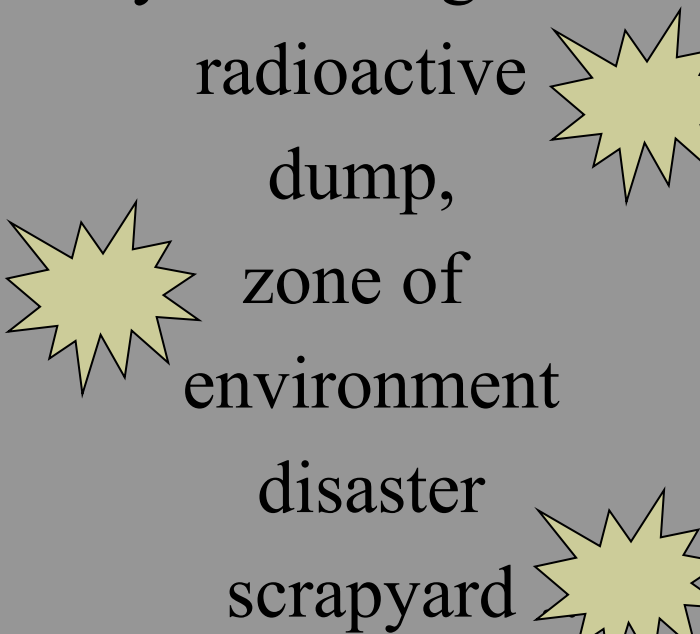
Ecological situation in Chelyabinsk region



© Pavel Degtyaryov, 2011

Myths

Chelyabinsk region is a
radioactive
dump,
zone of
environment
disaster
scrapyard

Three yellow starburst icons are placed around the text in the grey box. One is to the right of 'radioactive', one is to the left of 'zone of', and one is to the right of 'scrapyard'.

Chelyabinsk region
is a region where
ecological problems
are no longer
urgent ...

Structure of land use

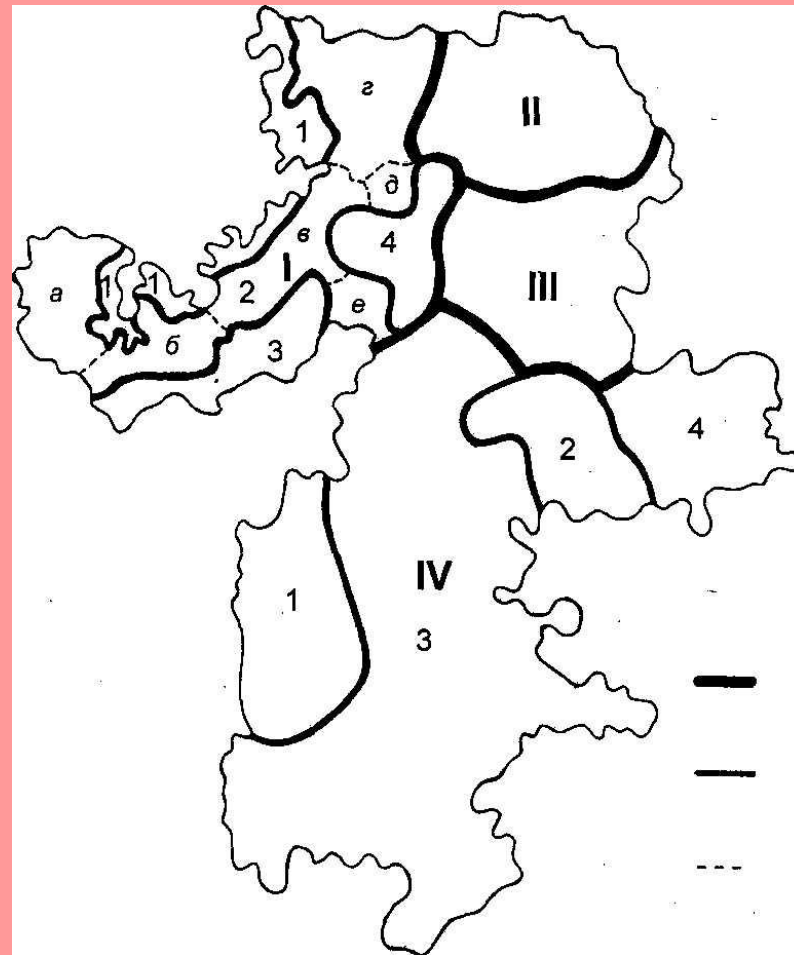
- *Agricultural lands– 60 %*
 - *Forest lands – 30 %*
- *Lands of settlements, industry and transport– 7 %*

Areas of land use

- Protected areas
- Underdeveloped areas
- Agricultural areas
- Industrial and urban areas
- Special areas



Eco-economic zoning



Protected territories – 2 %



Underdeveloped territories— 20 %



Agricultural territories— 60 %



Industrial and urban territories– 5 %



Special territories



Karabash, 200 years of history

1907



1980



Karabash, granulation dumps



Karabash, mine waste



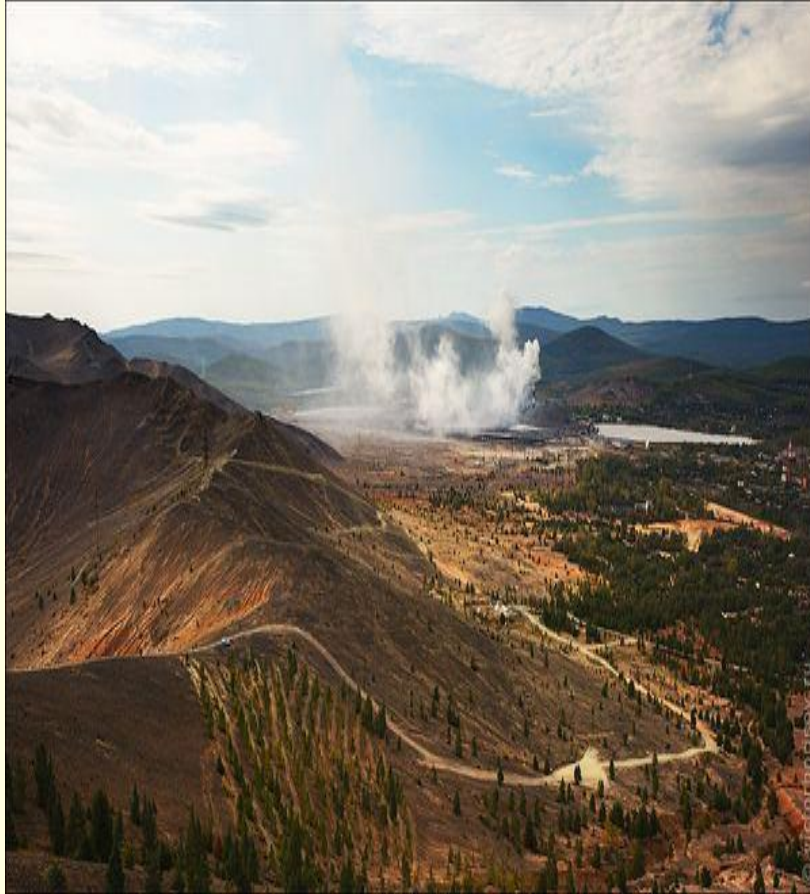
Karabash, Ryzhyi (red) brook



Karabash, pyrite deposit



Karabash, slope erosion



МИНУС ВАРДОВИЧЕВ | 16-ЯНУАРИ 2006

Karabash, secondary pollution



Karabash, lack of sanitary zones



MINUS YAKOVLEV | RG-JAM.RU | 8 2005

Karabash, badland



Future of Karabash



“Маяк”, 60 years of history

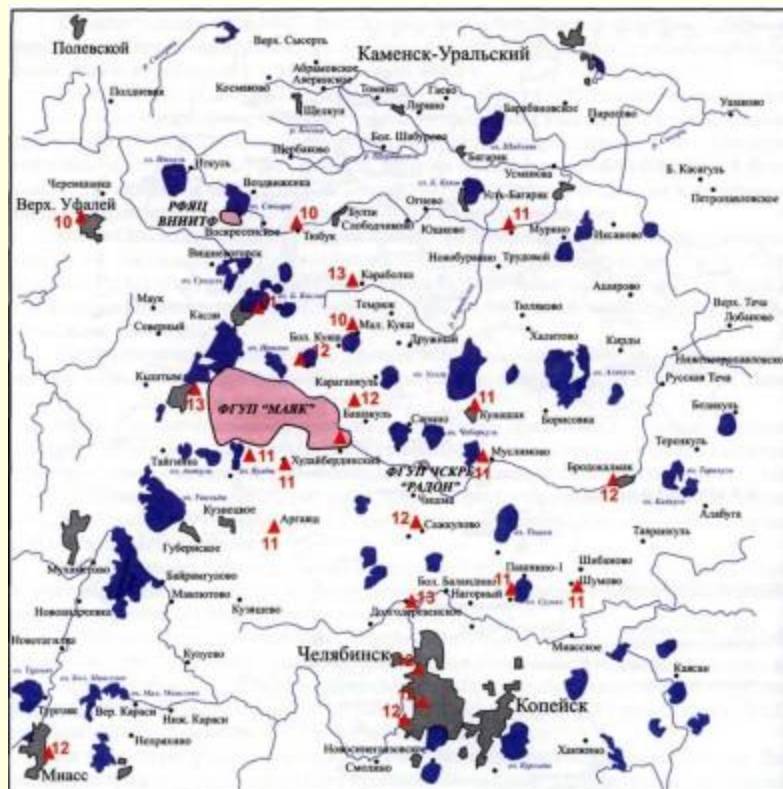
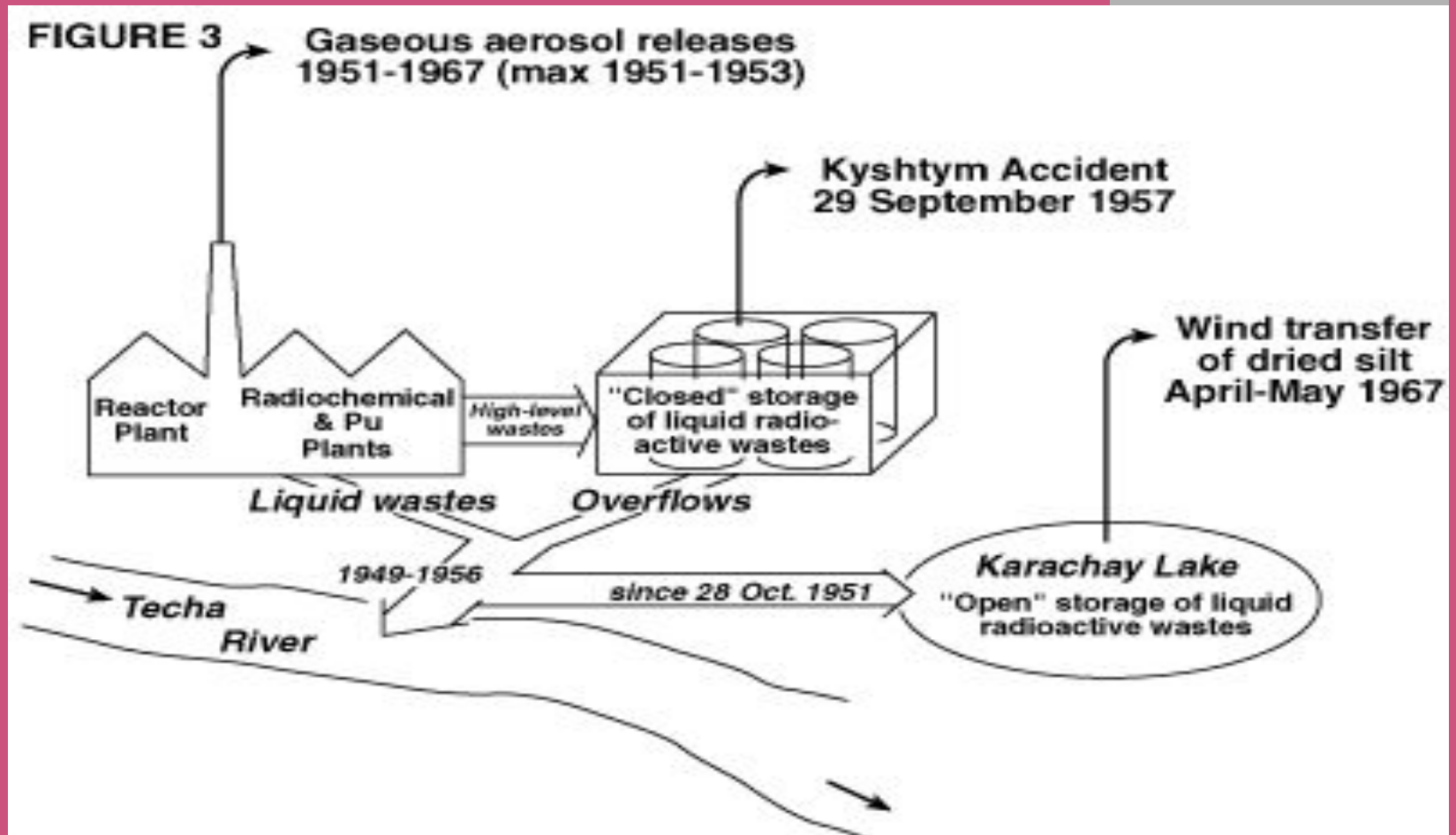


Рис. 2. Среднегодовые значения МЭД гамма-излучения в контрольных пунктах, расположенных в зоне наблюдения радиационноопасных объектов Челябинской области за 2005 год

- ▲ - пост дозиметрического контроля ГУ «Челябинской ЦГМС»
- 11 - среднесеasonные значения МЭД гамма-излучения
- - санитарно-защитная зона ФГУП «ПО «МАЯК»



Radiation accidents



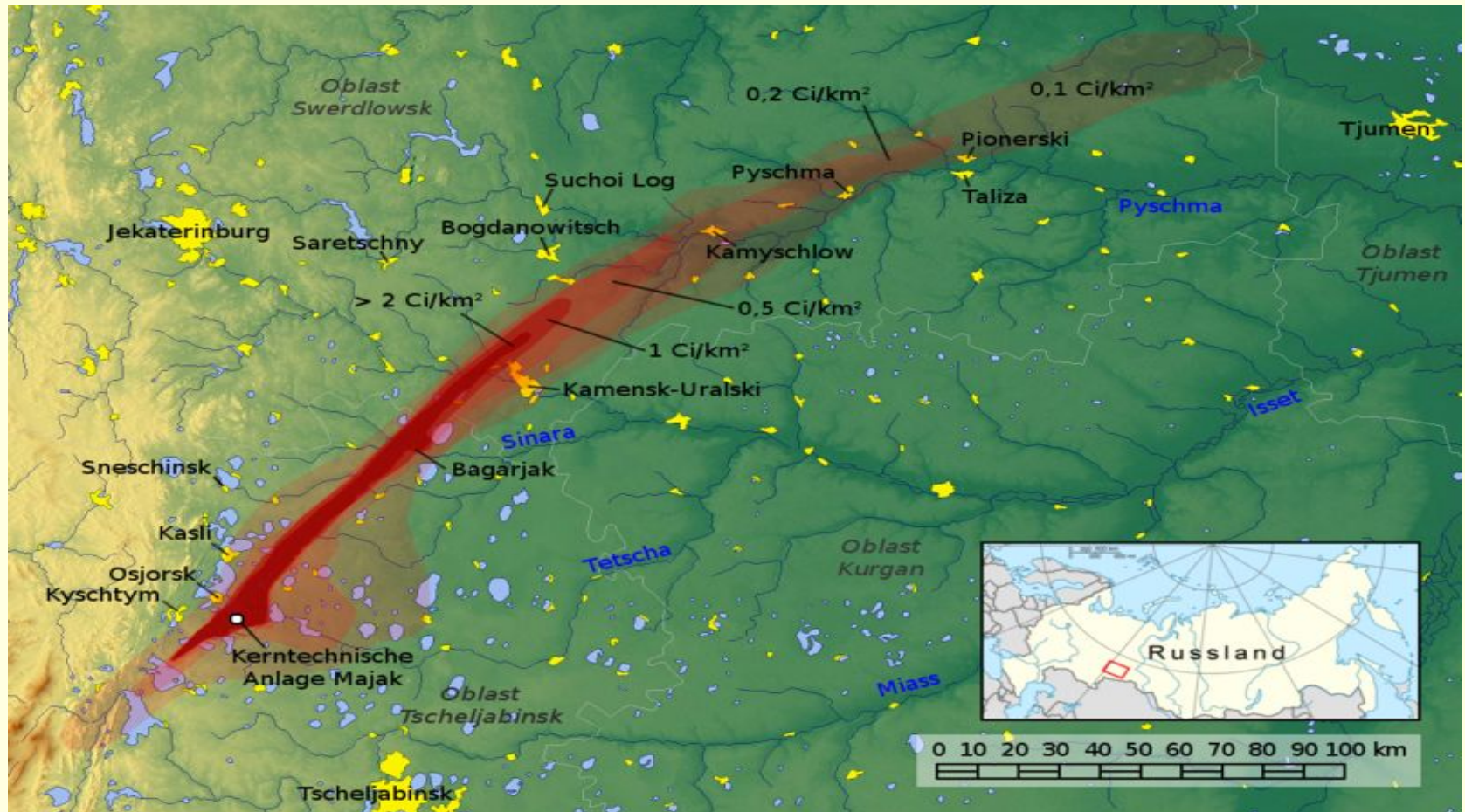
The Techa River



Karachai Lake

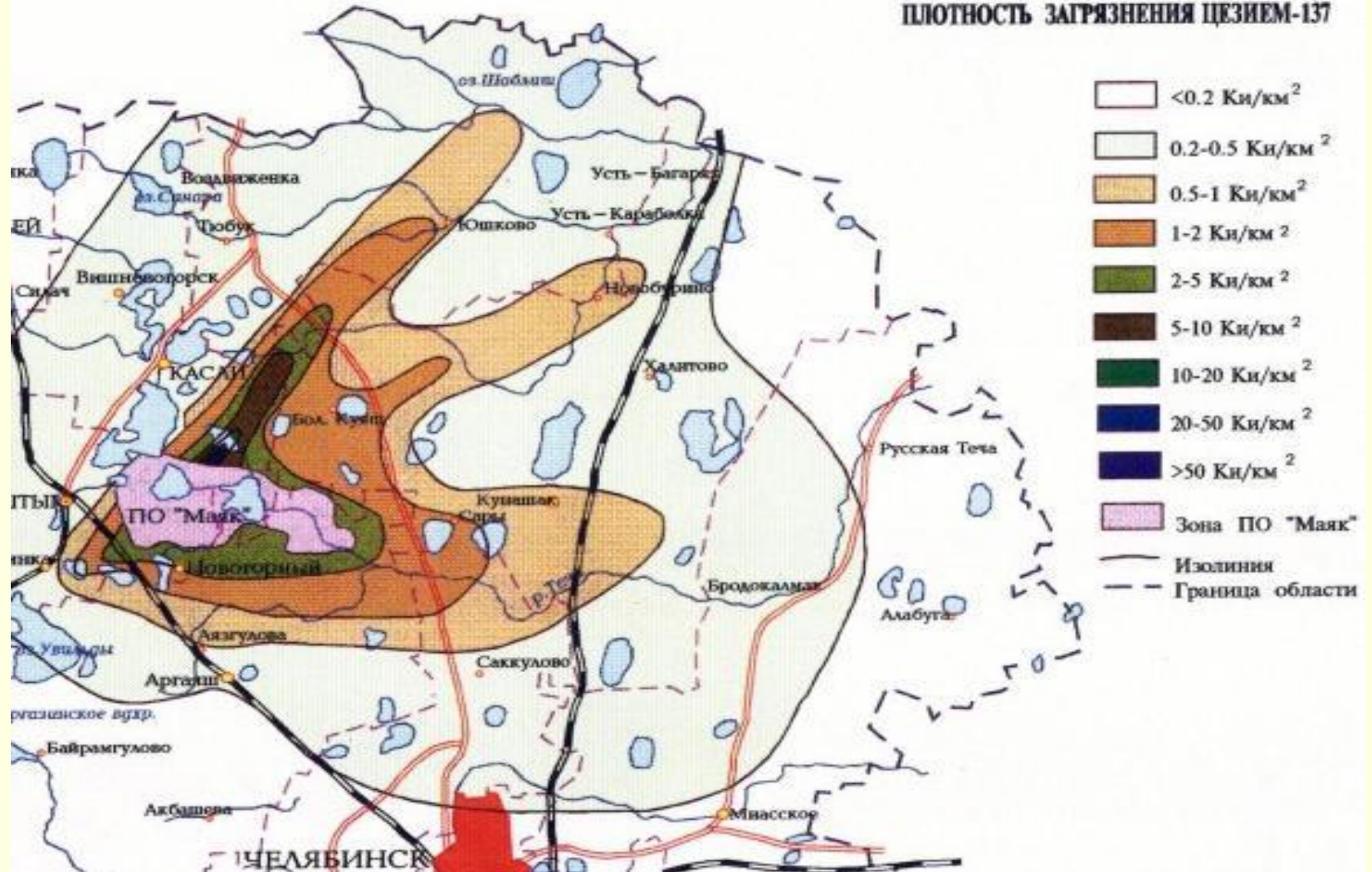


EASTERN URALS RADIOACTIVE TRAIL - 57



ALWP-67

ПЛОТНОСТЬ ЗАГРЯЗНЕНИЯ ЦЕЗИЕМ-137



Activities aimed at minimizing environmental problems

