

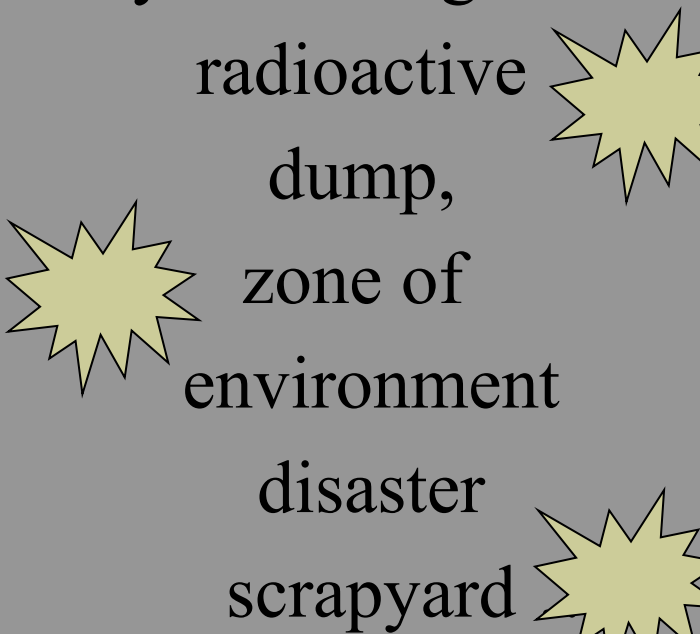
# Ecological situation in Chelyabinsk region



© 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 to the right of 'radioactive', one to the left of 'zone of', and one to the right of 'scrapyard'.

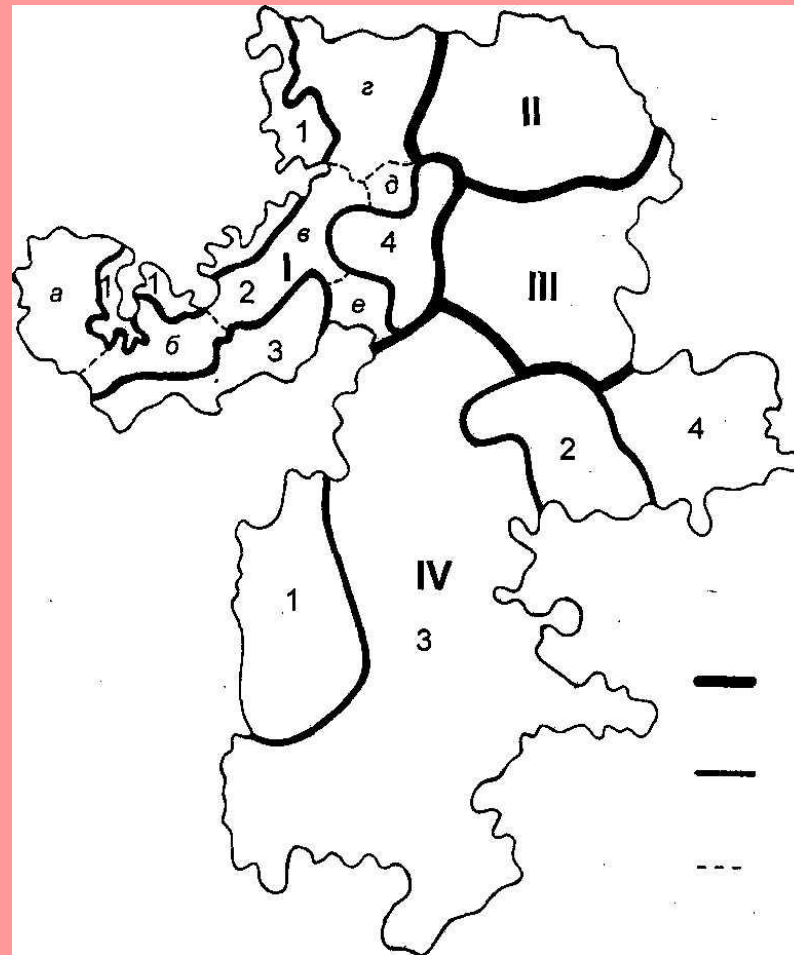
Chelyabinsk region  
is a region where  
ecological problems  
are no longer  
urgent ...

# Structure of land use

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



# 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



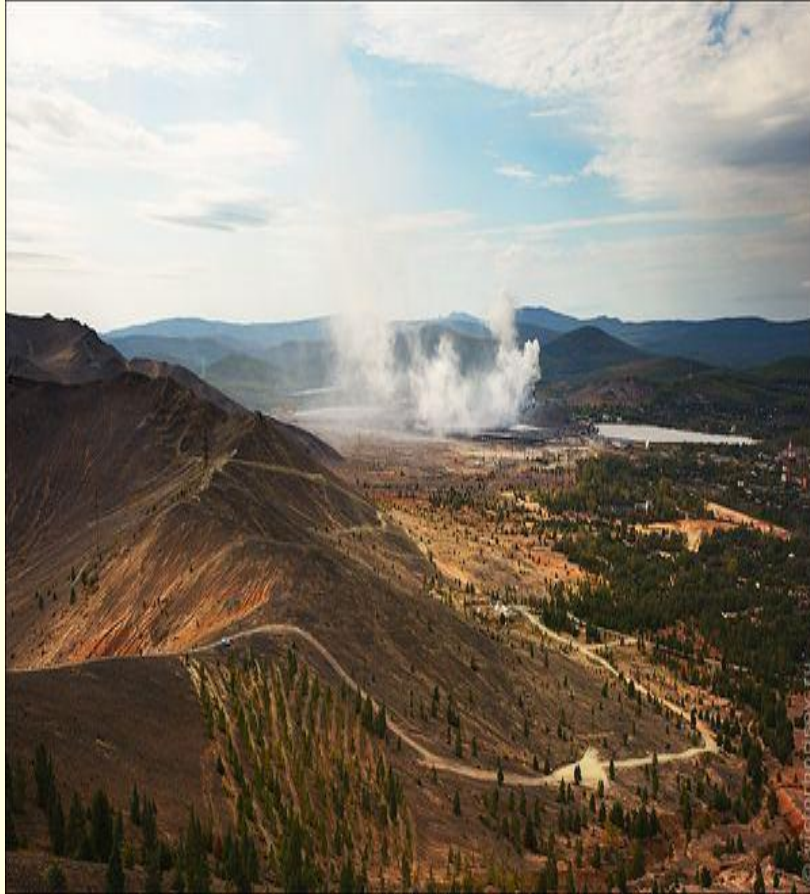
# Karabash, Ryzhyi (red) brook



# Karabash, pyrite deposit



# Karabash, slope erosion



MINUS YAKOVLEV I AG-JANRU 8 2006



# Karabash, secondary pollution



# Karabash, lack of sanitary zones



MINUS YAKOVLEV | RG-JAM.RU | 2005

# Karabash, badland



# Future of Karabash



# “Mayak”, 60 years of history

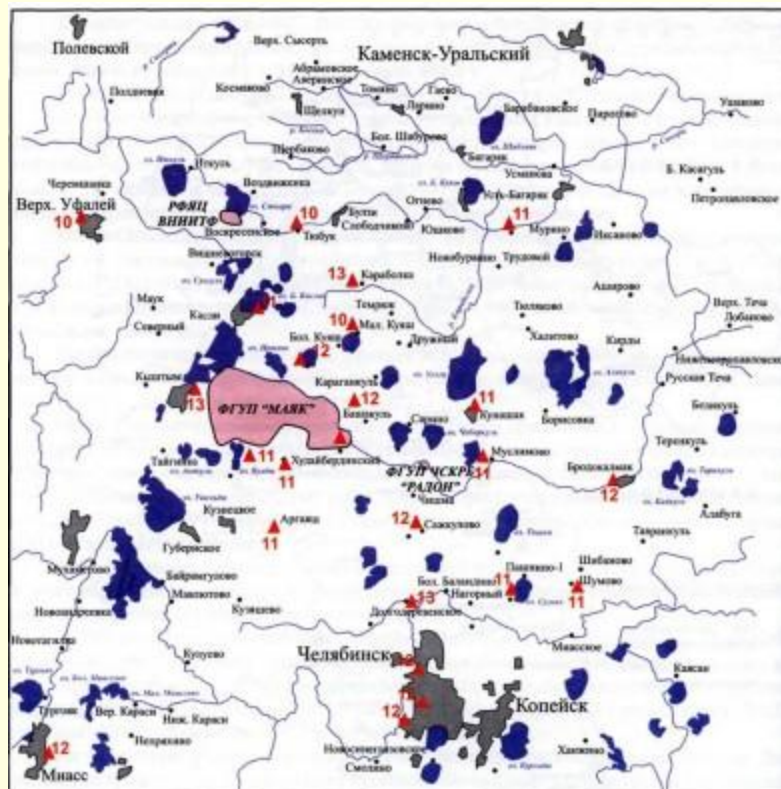
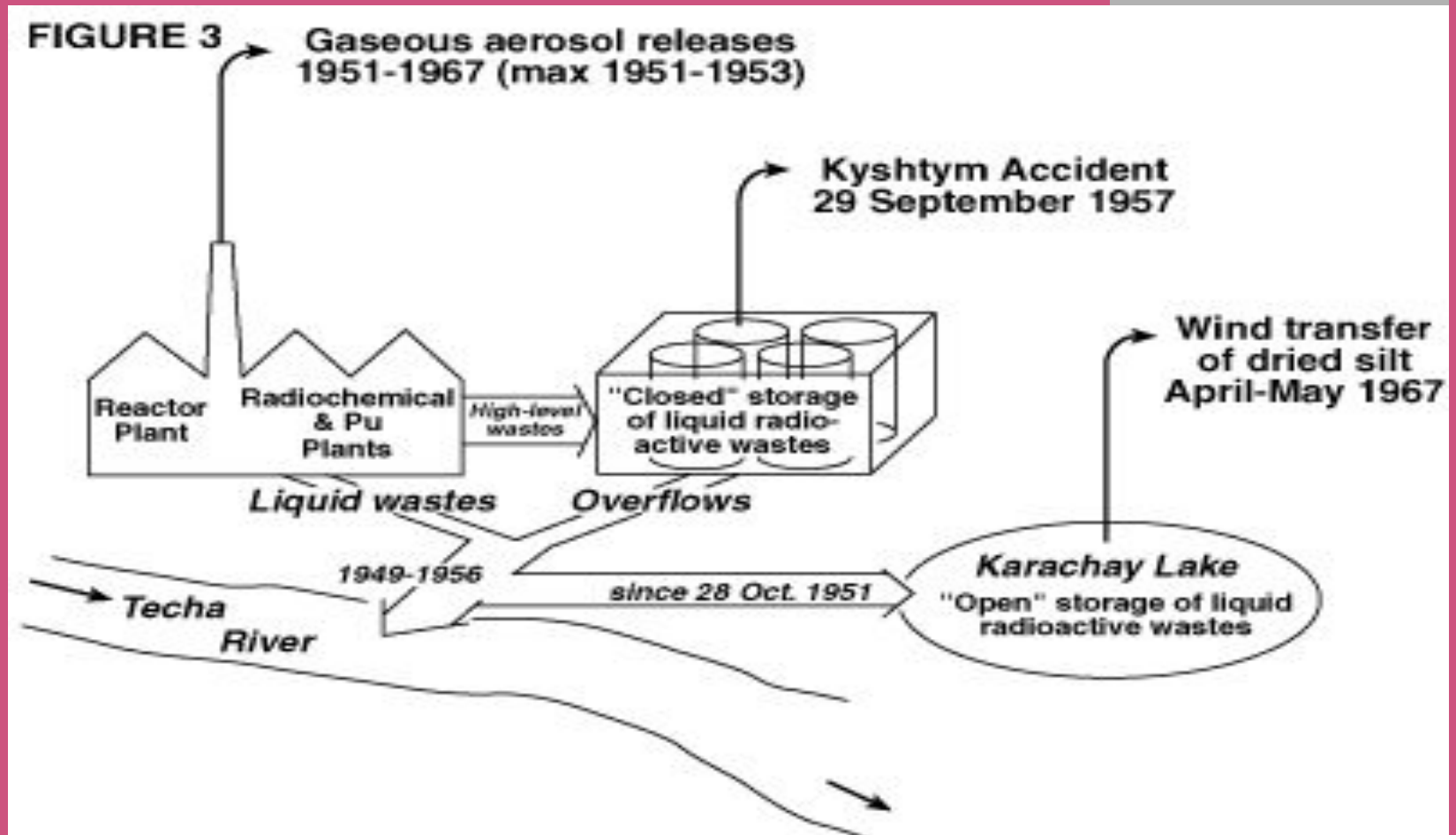


Рис. 2. Среднегодовые значения МЭД гамма-излучения в контрольных пунктах, расположенных в зоне наблюдения радиационноопасных объектов Челябинской области за 2005 год

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



# Radiation accidents



# The Techa River

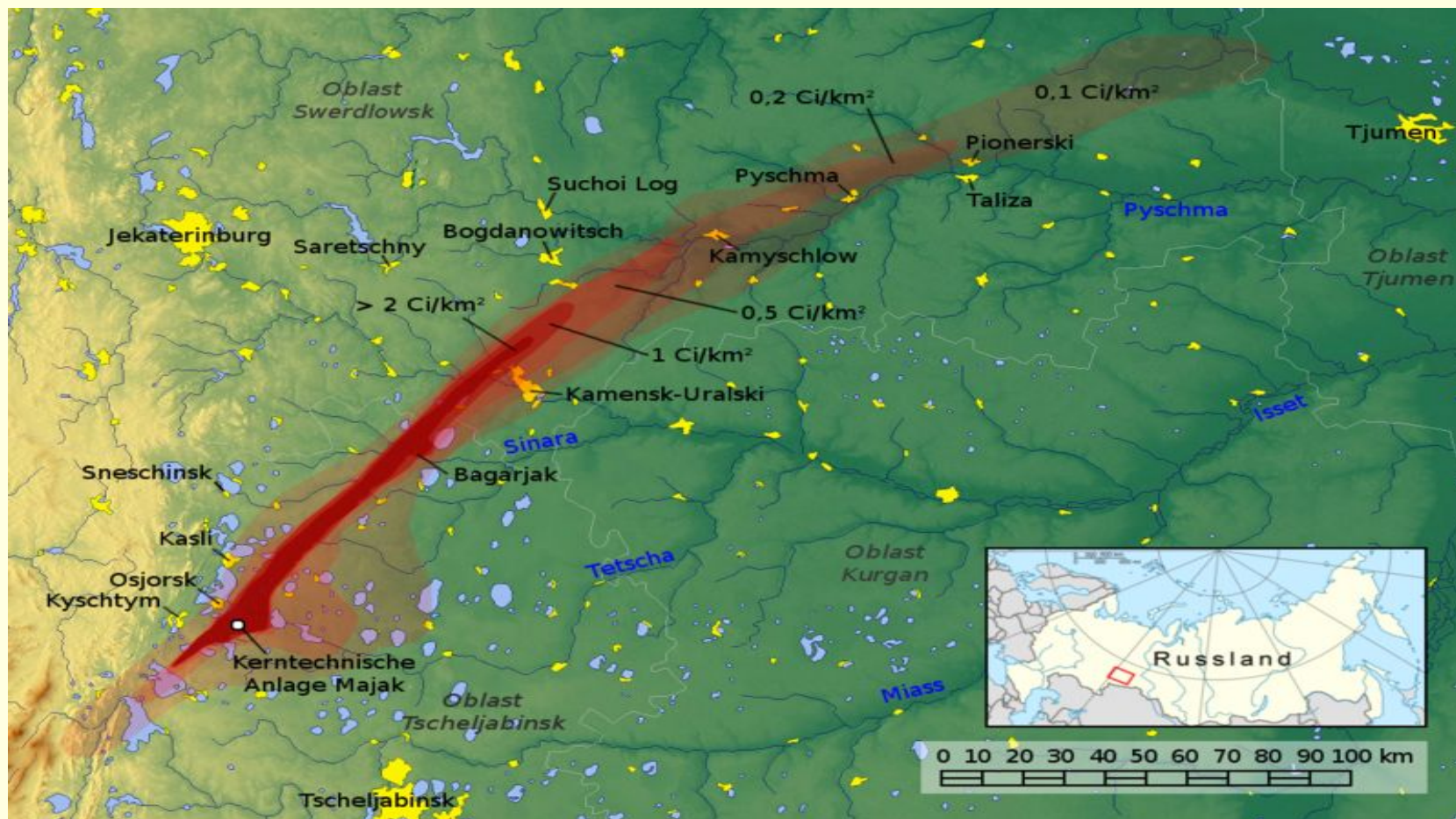


# Karachai Lake





# EASTERN URALS RADIOACTIVE TRAIL - 57





# Activities aimed at minimizing environmental problems

