

# **The role of voivode in the area of flood protection in Poland**

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# Content

1. Floods in Poland
2. Role of voivode TODAY – crises management
3. New role of the voivode – flood prevention programmes
4. Future role of voivode – management of water infrastructure
5. Conclusions

EXPLANATION: voivode – Polish STR

# Flood losses in Poland 1990-2010

- 23,430 billion PLN
  - 1,270 billion PLN per year on average
  - 98,5% of natural disaster losses
  - Data are underestimated !!
- 
- Data published by Governmental Crises Center



# 1997 Flood on Odra River, Wroclaw, Poland





# 1997 Flood on Odra River Basin Poland

**54 VICTIMS**

**680 000** dwellings affected by flood

**≈ 2,34 mln** inhabitants

**4 000** institutions (schools, hospitals, theatres, museums, etc.)

**9 000** companies employed

more than 5 employees

**143 000** small enterprises





**Poland, May 17, 2010**





**Poland, May 17, 2010**



**Poland, May 17, 2010**





# Poland, Kraków, May 17, 2010



**Poland, May 17, 2010**





**Poland, May 17, 2010**





**Poland, May 17, 2010**





**Poland, May 17, 2010**



**Poland, May 17, 2010**





# Auschwitz, May 18, 2010



# Auschwitz, May 18, 2010



חלק ממוזיקה בילג (קמדה II).

Part of Compound BIIg ("Canada II").

חלק ממוזיקה בילג (קמדה II).

Photo taken by the SS, 1944

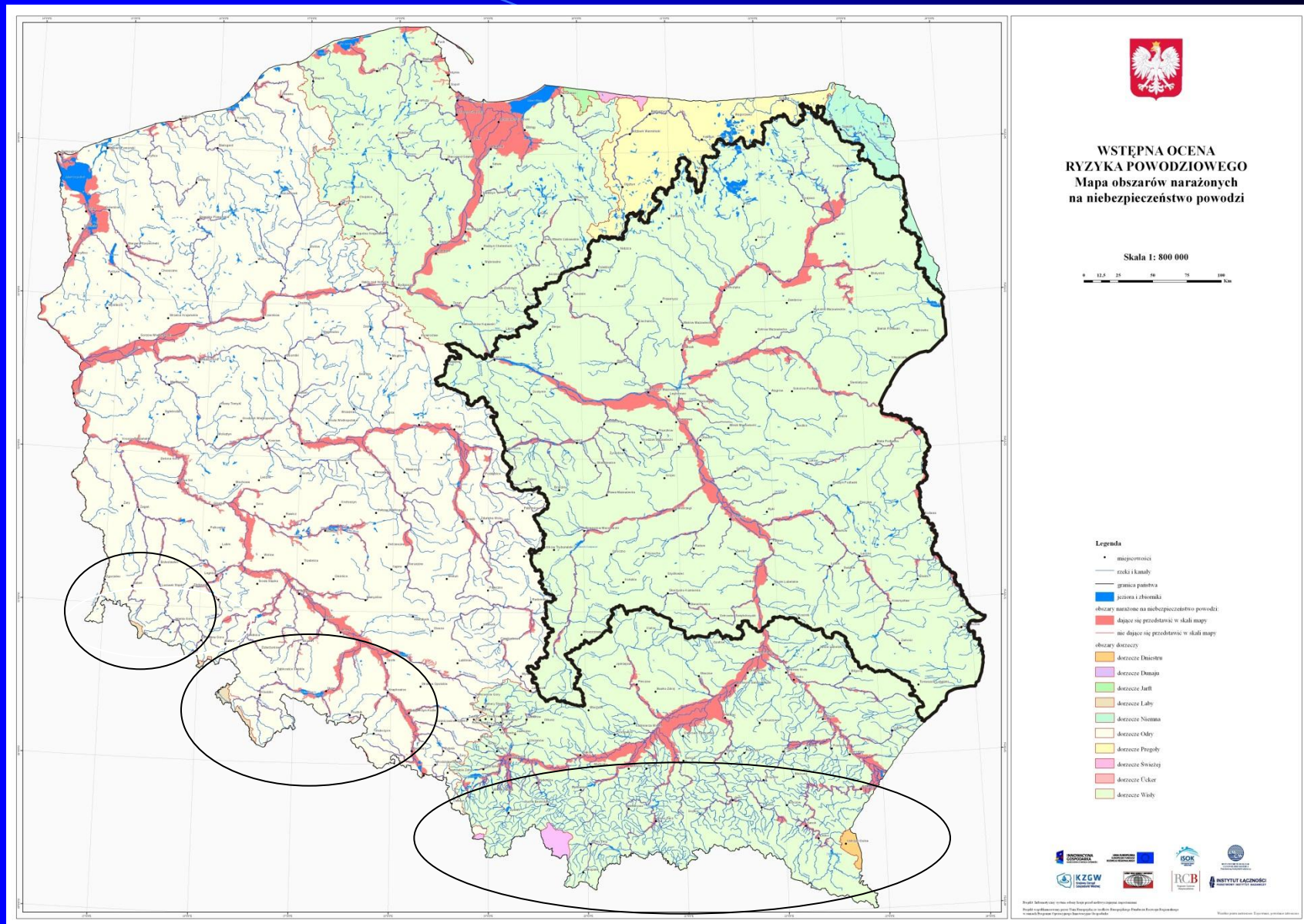
הצילום נעשה בידי אס"ס בשנת 1944



**Poland, May 20, 2010**



# Poland - Map of Areas exposed to flood hazards





# Crises management -Auschwitz, May 18, 2010





# Crisis management – Vistula River, May 20, 2010





# Programme for Odra-2006

Years: **2001 – 2030**

Costs: **4 billion PLN (until 2011) + 10,760 billion PLN (until 2030)**

Plenipotentiary: **Voivode of Lower Silesia**

Number of regions: **8**



# Programme of Flood Protection within the Basin of the Upper Vistula River

Years: **2012 – 2030**

Costs: **13,151 billion PLN**

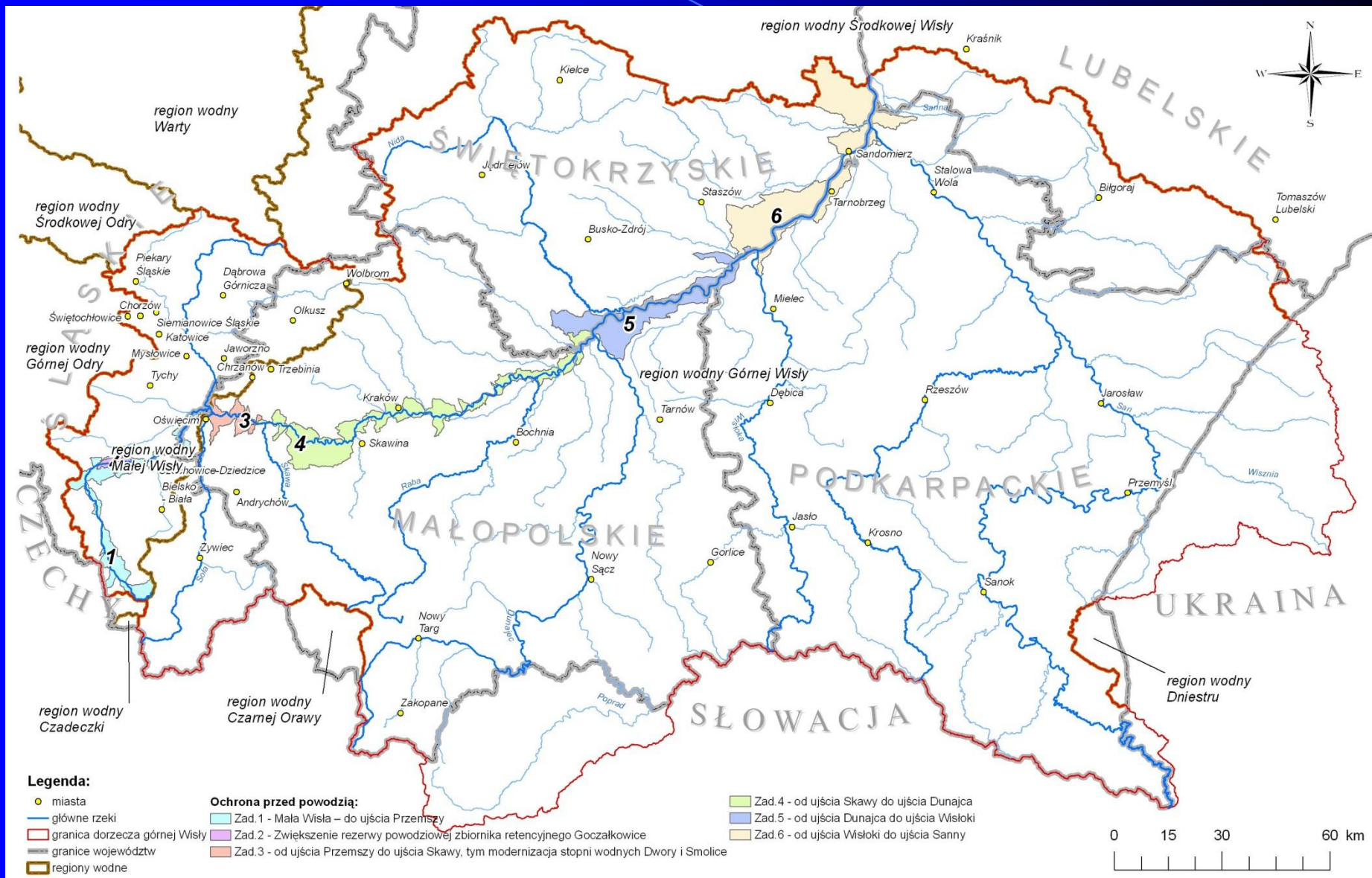
Plenipotentiary: **Voivode of Malopolska**

Number of regions: **5**





# Programme of Flood Protection within the Basin of the Upper Vistula River



# Programme of Flood Protection within the Basin of the Central Vistula River

Years: **2014 – 2030**

Costs: **to be established**

Plenipotentiary: **Voivode of Mazovia**

Number of regions: **7**





# Central Vistula Catchment



# Hydrography & administrative division of Poland





# POLAND - Administrative divisions/ Regional Water Management Boards



Source: Marta Moskal, Language minorities in Poland at the moment of accession to the EU, 2004



Source: <http://kzgw.gov.pl> - National Water Management Authority

GRANICE WOJEWÓDZTW I HYDROGRAFICZNE GRANICE RZGW

GRANICE WOJEWÓDZTW I HYDROGRAFICZNE GRANICE RZGW



# **CONCLUSIONS**

## **ROLE OF THE VOIVODE TODAY**

- **Crises management in case of flooding**

## **NEW ROLE OF THE VOIVODE**

- **Implementation of flood protection programmes  
(only chosen voievodes)**

## **FUTURE ROLE OF THE VOIVODE (discussion in progress)**

- **Management of water infrastructure including dikes**

**Thank you  
for your attention**

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