Environmental Matrix: Physical Factors

- **Location**
  - Urban City Sector, coastal, flat region
  - Surrounded by marshy, wooded lowlands

- **Weather/Climate**
  - Dfb Köppen Climate Classification
  - Limited temperature variability (37-62°F)
  - Frequent rain/snowfall
  - Ice pack accumulation in ports

- **Hydrology**
  - Sustainable stormwater systems
  - Polluted coastal seawater due to fertilizer runoff
  - Seasonal spring flooding

- **Resources**
  - Water quality via flag system
  - “Tallinn 2030” Master Plan
  - UNESCO World Heritage Site

Environmental Hazards

- **Flooding**: Gulf of Finland to the North; high water table, flat lowlands, marshes, and rivers to the South. Strong flooding affects transportation into and out of municipality, crop yields, and reduces maneuverability to improved roads.

Environmental Matrix: Cultural Factors

- **Population**
  - Most populated city in Estonia ~ 411,000 people

- **Cultural Components and Institutions**
  - Russian influence
  - High migration, high unemployment

- **Economy**
  - Over 50% of Estonia’s GDP
  - Top 10 digital cities in the world

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