

# 2004

## Chioggia

Italy

24th Urban Data Management Symposium

October 27-29, 2004



### themes

- 1 **Opening**
- 2 **Application of high resolution**
- 3 **Disaster and risk management ? Real-time GIS, especially for monitoring and control**
- 4 **Spatially-enabled e-governance**
- 5 **Spatial planning**
- 6 **Geographic databases**
- 7 **Modelling**
- 8 **Location based computer and services ? Transportation systems**
- 9 **Integration of data**
- 10 **Three dimensional urban data modelling**
- 11 **GIS and public participation**
- 12 **Semantics of data and ontology**
- 13 **Data collection and quality control**
- 14 **Spatial data infrastructures**
- 15 **Data exchange and standards**
- 16 **Local government enterprise**
- 17 **Closing**

#### 4.III.1 **PRESENTATION OF MAPS ON THE INTERNET: A COMPARISON OF THE VECTOR FORMATS SVG AND ACTIVECGM**

It is well known that the distribution of data via the Internet has several advantages, for example, it is a time-saving and an economical way to make information available at any time and any location. The paper compares the usage of different vector formats for the distribution of geodata via the web. Several tests have been made to find out the most suitable one. Two vector formats WebCGM/ActiveCGM and SVG are standards of the W3C (World Wide Web Consortium) and thus they have been selected for this investigation. The structure of the paper is as follows: First the content of the database will be described. Followed by an explanation of both formats, ActiveCGM and SVG, and their characteristics. Then a discussion of the criteria and specific aspects of the investigation with the help of examples will be shown. The paper is concluded by a summary of the results of the investigations.

**Iris Wiebrock**

AGIS ? GIS Lab. University  
of the Bundeswehr M

**Wolfgang Reinhardt**

AGIS ? GIS Lab. University  
of the Bundeswehr M