Commission on Ubiquitous Mapping
http://ubimap.net
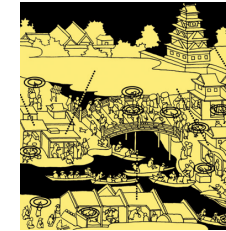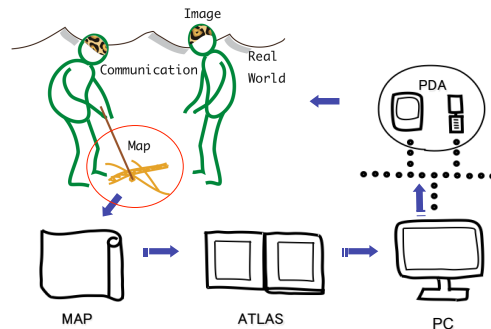
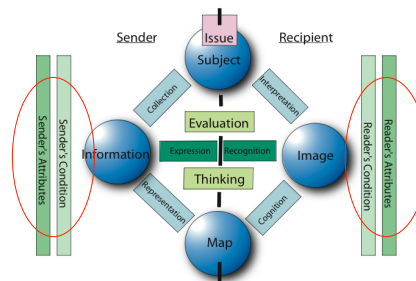## Basic Concept

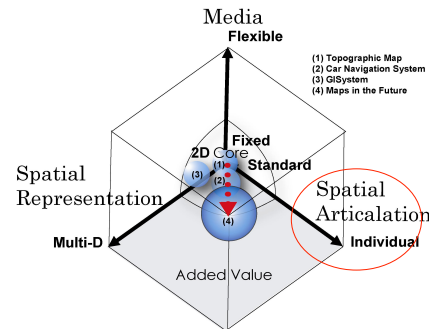From primitive mapping to contemporary mapping

Origin of Ubiquitous Mapping
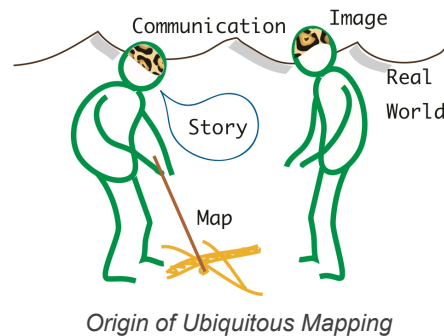
Map communication in Digital Information Era

Context based and personalized mapping

Basic structure of map communication

(1) Topographic Map
(2) Car Navigation System
(3) GISystem
(4) Maps in the Future

Position of personalized mapping

Terms of reference

1. Organize regional workshop including site observation to comprehend contemporary situation of ubiquitous and pervasive mapping.
2. Clarify similarity and difference in comparing variant systems to establish an evaluation scheme.
3. Place the notion of Ubiquitous Mapping in the domain of Theoretical Cartography.

Results (2007-2011)

1. Organize regional workshop:

Third International Joint Workshop on Ubiquitous, Pervasive and Internet Mapping (UPIMap2008) held in Shepherdstown, USA, with the ICA Commission on "Maps and the Internet" on September 10-11, 2008.

Participants of UPIMap2008   *Proceedings*

Small Workshop was held in Paris, at IGN Saint Mandé on July 2, 2011 just before ICC Paris 2011.

The commission has joined also to the ICA Workshop on Theories of Map Design in the Digital Era, held in Hong Kong, on September 22-25, 2010, and the ICA Workshop on Online Maps with APIs and Map services organized by the Commission on "Maps and the Internet", held in Orlando, USA, on November 19, 2010.

2. Clarify similarity and difference in comparing variant systems:

Various papers concerning presentations of different systems and cross-cultural issues were presented in above mention workshops and ICC in Moscow and Santiago.

3. Place the notion of Ubiquitous Mapping in the domain of Theoretical Cartography:

We had close relationship with the ICA commission on theoretical cartography and discussed on the theme especially in above mention Hong Kong workshop.