



Uncertainties



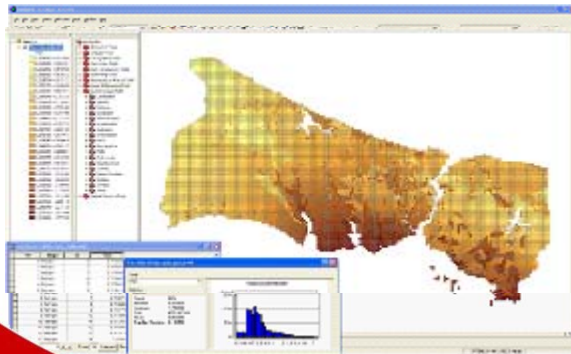
Accuracy

The goal on HAZTURK project:

Minimize the uncertainties as much as possible.



Different datum and projections may cause differences on distance, angle, and area calculations.



Distance to epicenter is a key parameter for strong ground motion estimation for earthquakes.



Conclusion



In the software developed within the scope of the loss assessment study for Istanbul:

- **Administrative and numerical units are adjusted to Turkish standards,**
- **Location errors caused by datum and projections are eliminated by standardization,**
- **Attenuation relations specific to Turkey are utilized.**



FIG Sydney, 11-16 April 2010

THANK YOU



FIG Sydney, 11-16 April 2010