

Working Group 2 Discussion

GNSS Applications



Some Major GNSS Application Priorities

- Map Updates (surveying, ITRS, use of remote sensing)
- Agriculture
- Disaster Management (i.e. tectonic movements, floods, oil spills, etc.)
- Transportation and Safety of Life (aviation, maritime, land)
- Research and environmental monitoring (climate, global warming)
- Construction work
- Natural resources management (water, energy)
- Health management



Considerations

- Bilateral or multilateral relation (between countries, establishments, etc.) on GNSS-based projects may be most effective
- Nations with the most resources can provide valuable information, but should not necessarily be relied upon for all solutions
- Further workshops may be needed to better identify ways to cooperate and collaborate, and improve the dissemination of information
- Providing more detailed information on specific applications can be considered in the future
- Combining GNSS data with other sources of data



Recommendations

- Create a database of the existing capacities and infrastructures available in each region
- Continue increasing awareness through workshops and training courses focused on specific areas of interest
- Consider incorporating the regional workshops with the UN workshops
- Continue collaboration with existing institutions (e.g. GEO, regional reference frames)

