Panel Discussion

Climate Change – From Science to Policy to Applications

Indian Initiatives

Major Areas of Space Technology Applications

- **Agriculture**
  - **Crop Production forecasting**
  - **Drought assessment**
- **Water Resources**
- **Environment**
  - **Wetland**
  - **Coastal zone**
  - **Mangrove**
- **Bio-resource**
  - **Forest mapping**
  - **Land use land cover mapping**
- **Rural Development**
- **Urban Development**
- **Ocean Resources**
- **Atmosphere**

- **Disaster Management Support**
    - **Flood**
    - **Drought**
    - **Landslides**
    - **Forest Fire**
    - **Earthquake**
    - **Communication network: VPN network**
    - **Awareness Creation**
- **Policy Intervention**

Adaptation to climate change requires.....

- **Science based knowledge**

- **Resilient development policies**

- **Behavioral change**

- **Appropriate institutions and regulatory mechanisms**

- **Adequate economic resources and instruments**

- **Regional & international cooperation**