

**GROUP ON EARTH
OBSERVATIONS**

**GEO-Informatics and
Space Technology
Development Agency**

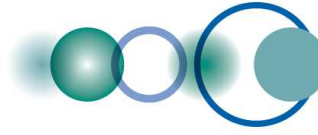
**REPUBLIC OF UZBEKISTAN
MINISTRY OF AGRICULTURE AND
WATER RESOURCES**

**MAIN DEPARTMENT OF
FORESTRY**

2nd GEO Forest Monitoring Symposium

ABBOS AHADOV

**Chiang Rai-Thailand
1-3 July, 2009**



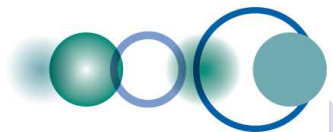
REPUBLIC OF UZBEKISTAN

Map from goldenpages.uz
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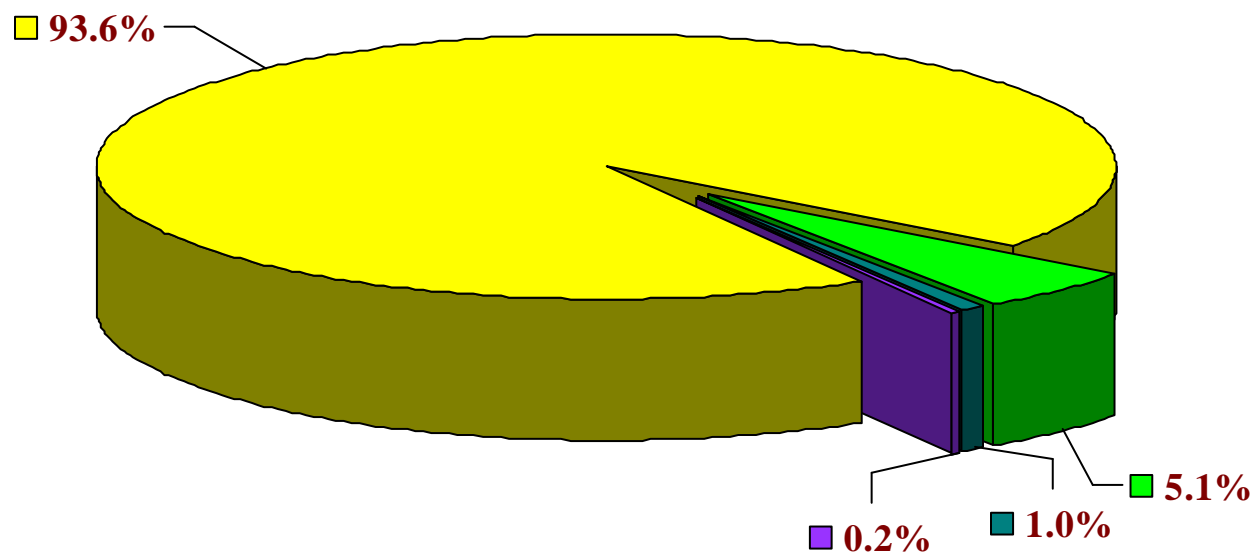


Forest Fund of the Republic of Uzbekistan

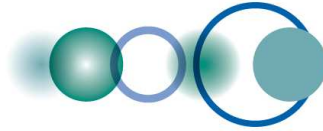
- **Total area of Uzbekistan-44,1 mln.ha**
- **Forest fund Uzbekistan -8,66 mln.ha
or 19,5%**
- **particularly, the MDF - 8,2 mln. ha
or 18,4%**
- **Forest cover of the Republic -3,2mln.ha, or
7,2 %**
- **Particularly, the MDF- 2,8 mln.ha
or 6,3 %**



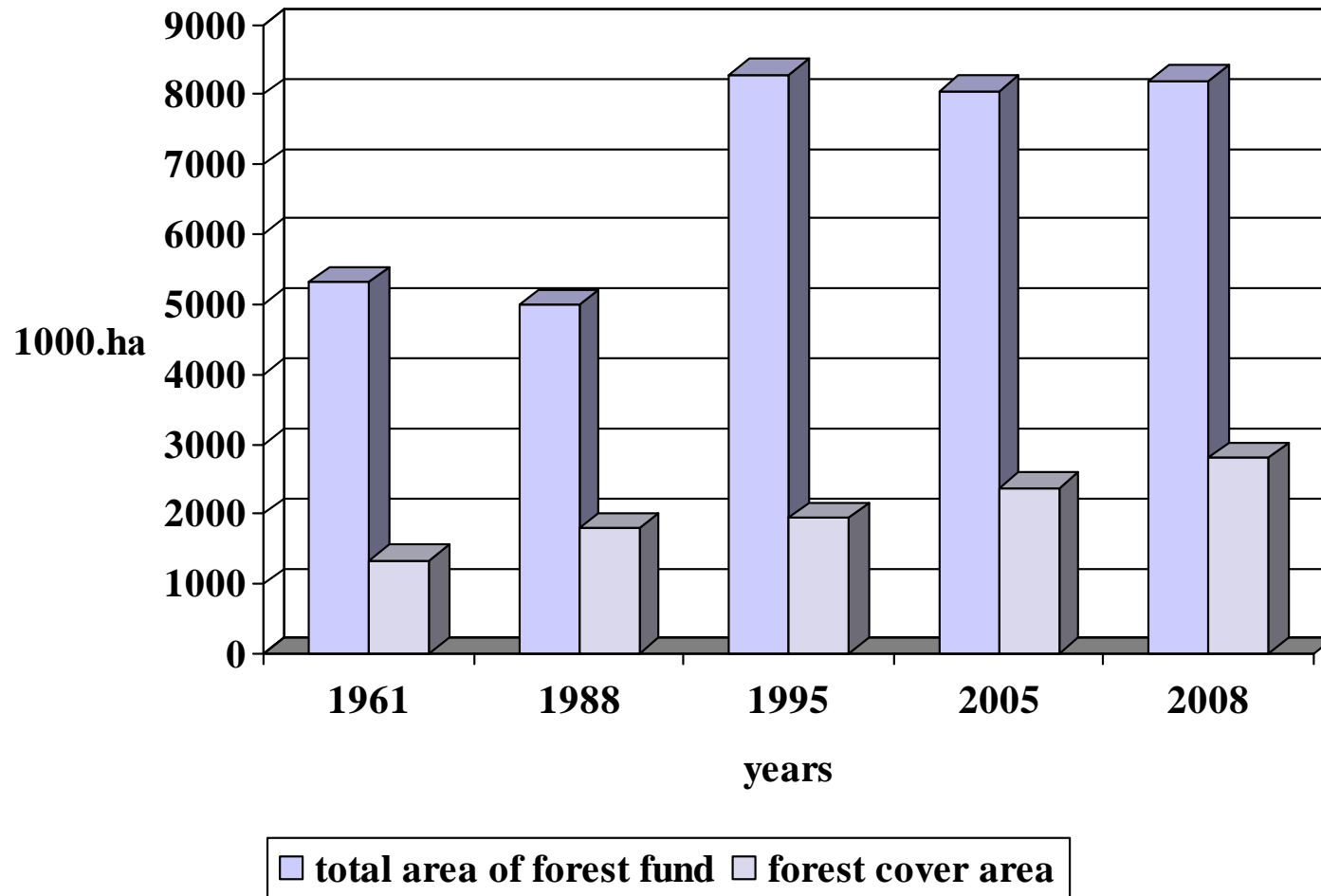
Forest fund share of the Republic of Uzbekistan

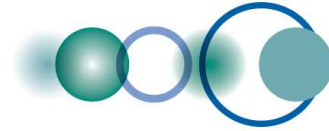


- **MDF**
- **Tashkent Provincial Administration**
- **State Committee for Nature Protection**
- **Other owners**

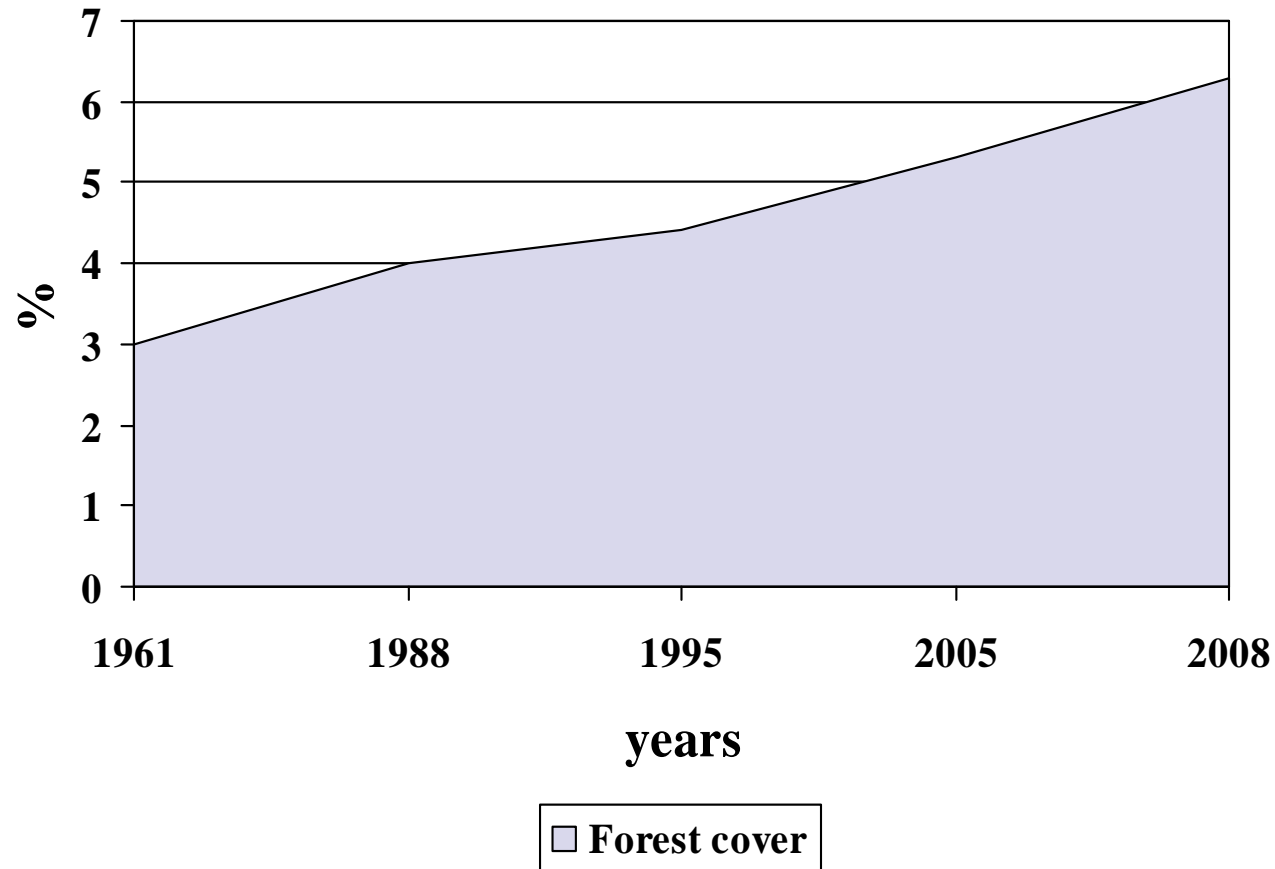


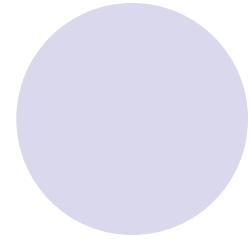
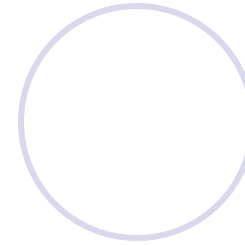
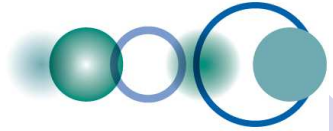
Dynamics of changing of forest fund area, and forest cover area of the MDF



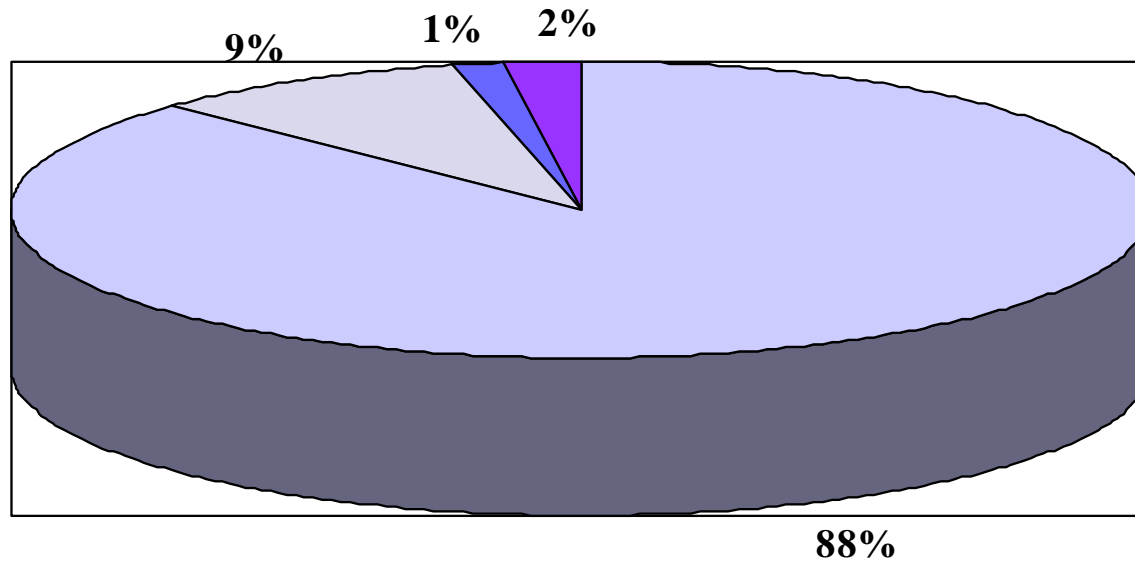


Dynamics of changing of forest cover of the MDF

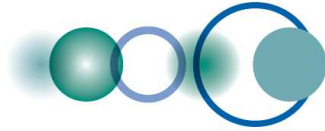




Forest Area Zones

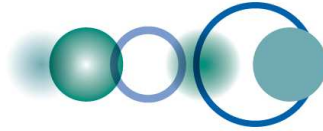


■ sandy-desert ■ mountainous ■ fluid plain ■ valley



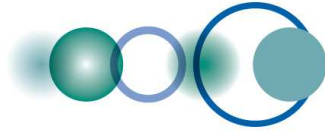
Sand-desert - 88%





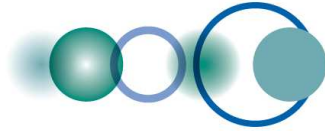
Mountainous - 9%





Valley zone - 2%



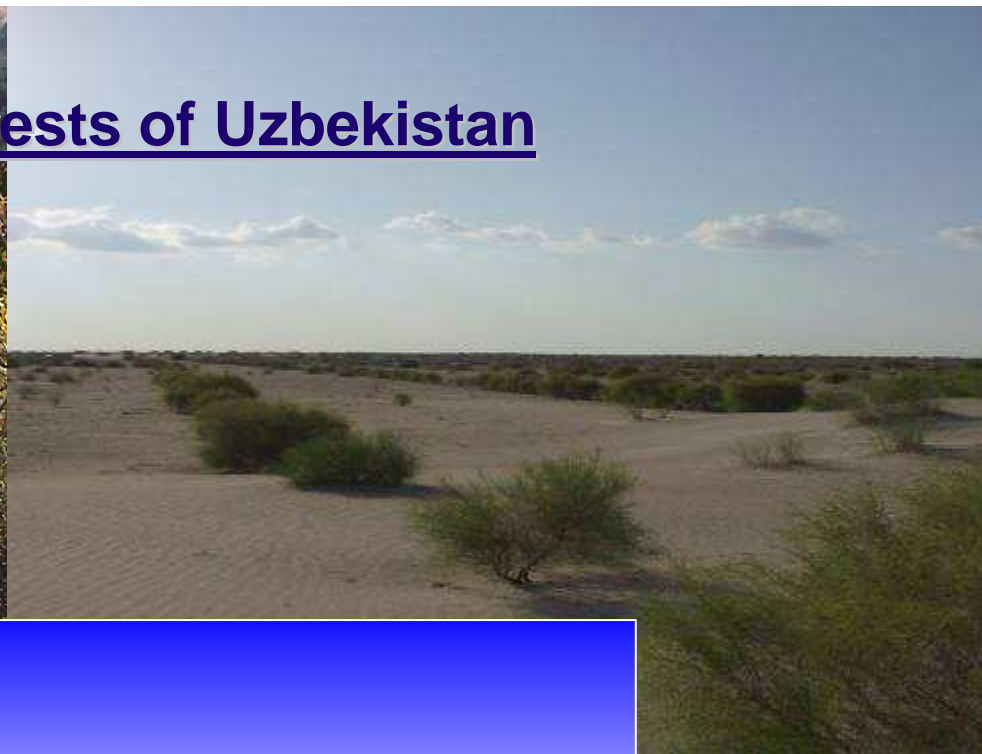
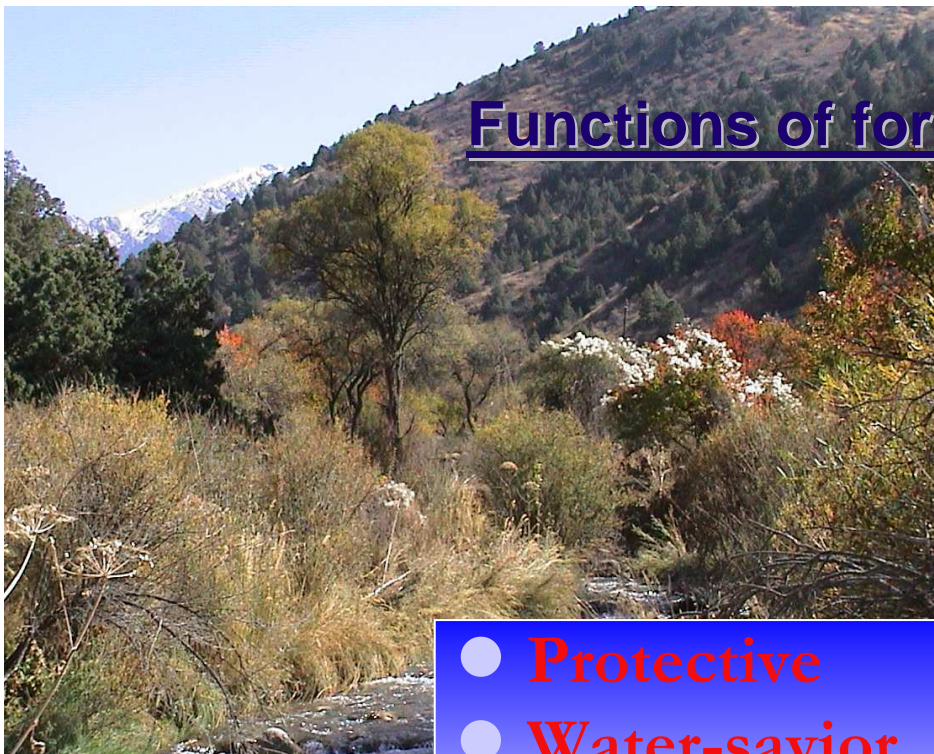


Fluid plain - 1%



Functions of forests of Uzbekistan

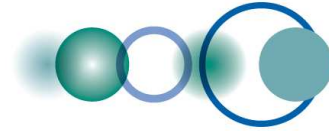
- **Protective**
- **Water-savior**
- **Sanitary-hygienic**
- **Climate-regulating**





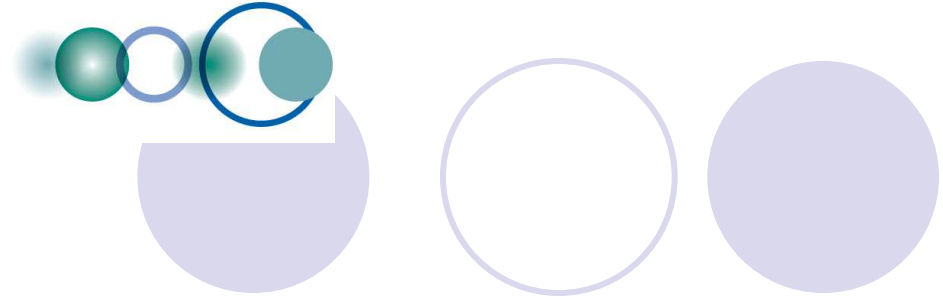
CHALLENGES

- Absence of forest legislation, directed to the development of sustainable forest management structure, responding to international standards
- Weak financial-technical base
- Weak capacity building policy
- **Absence of reliable database on forest resources**
- **Weak monitoring of forest resources**
- Weak correlation among forest fund owners, other areas of the economy and state institutions



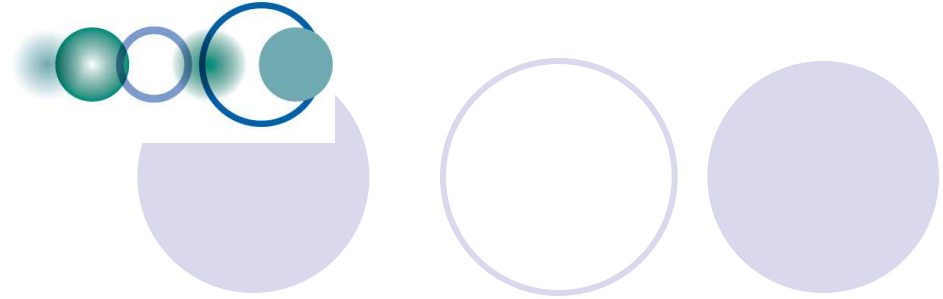
State of forest monitoring in Uzbekistan

- Infrastructures not used for forest monitoring:
 - Remote sensing;
 - GIS;
 - Aerial;
- Infrastructures used:
 - old methods of forest inventory



- Forest inventory has not been carried out since 1989
- Current available data on forest resources is obtained through yearly reporting tables

which leads to ...



- Unreliable forest resources database
- Weak forest monitoring
- Weak forest planning
- Inadequate decision-making



Main forest information products

- Web site: www.forestry.uz;
- Annual reports of the Main Department of Forestry
- Annual Report Publication of the State Committee of geology and cadastre



Forest information users

- **Main Department of Forestry**

and other stakeholders such as:

- **Other key sectors of the economy e.g. Ministry of Finance/Economy, etc.,..**
- **International organizations, e.g. FAO, UNECE Timber Committee, GEF, UNDP, etc...**



Plans for modifications/improvements

- TCP/UZB/3102 project proposal submitted to the FAO “Carry out forest inventory in Uzbekistan”.
- Regional capacity building program
- Establishing partnerships and cooperation with countries like Russian Federation, Belarus and Turkey which possess abundant experience and potential in the area of forest inventory and monitoring

and, what needs to be done?



SOLUTIONS

- Data collection and distribution on forest resources monitoring, and publications, accessible to wide-range of users;
- Revise of capacity building policy through educating and improving the qualifications of forestry sector workers, especially in the area of forest inventory and monitoring;
- Financing and carrying out large-scale forest inventory with applications of aerial, remote sensing and other up-to-date tools.

THANK YOU!

