



Transboundary Cooperation for Nature Conservation in North East Asia: Approaches and Practices

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Cooperation for Nature Conservation in Transboundary Area

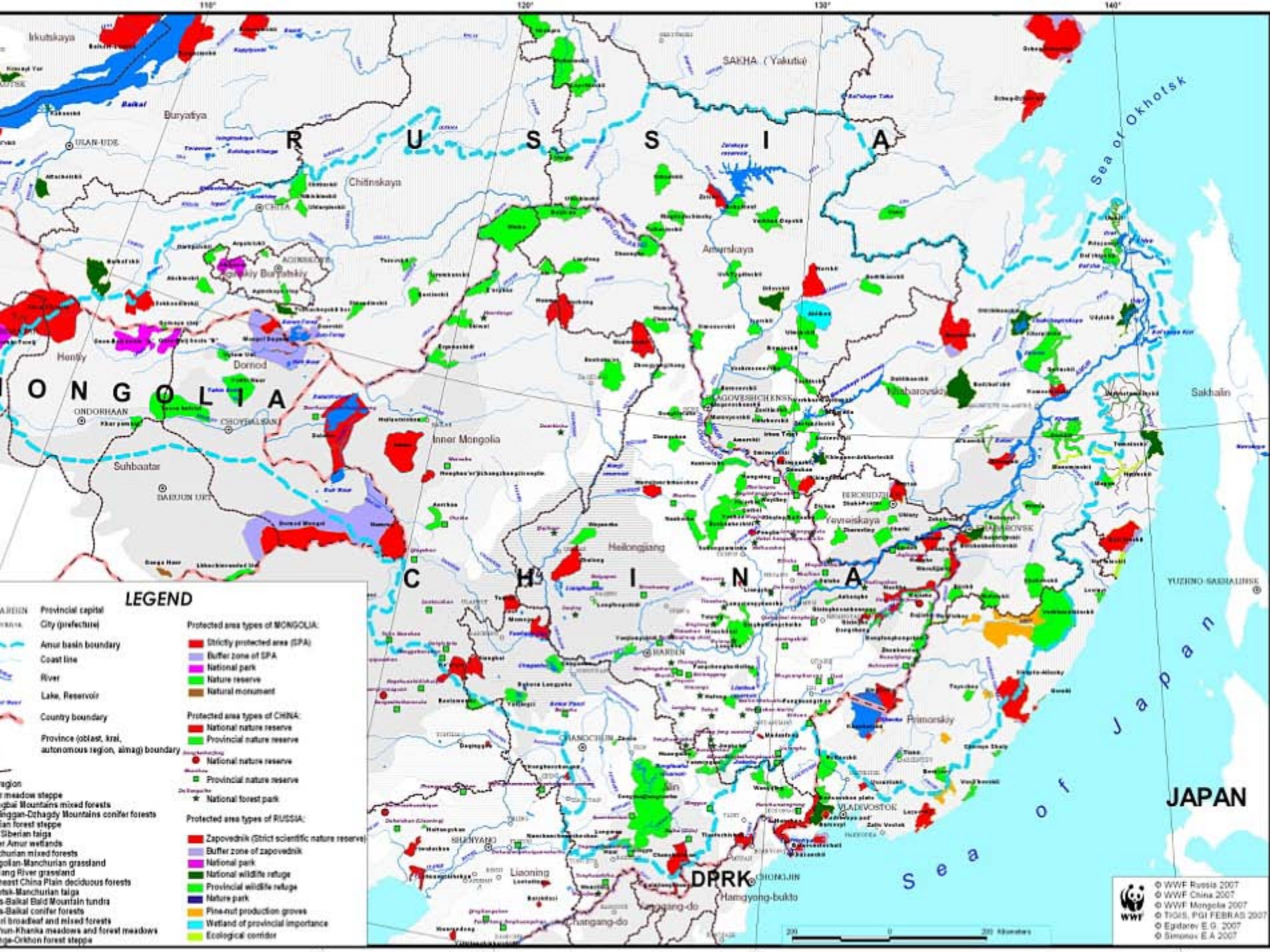
100+ protected areas along
international borders in NEA



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graph TD; A[100+ protected areas along international borders in NEA] --> B[Over 20 protected areas adjoining protected areas in neighboring countries]; B --> C[Need for transboundary cooperation: communication, cooperation and coordination];
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Over 20 protected areas adjoining
protected areas in neighboring
countries

Need for transboundary
cooperation: communication,
cooperation and coordination



LEGEND

- Province capital
- City (prefecture)
- Amur basin boundary
- Coast line
- River
- Lake, Reservoir
- Country boundary
- Province (oblast, krai, autonomous region, aimag) boundary
- Region
- meadow steppe
- Mountain mixed forests
- Manchurian mixed forests
- Manchurian-Chingai Mountains conifer forests
- Forest steppe
- Siberian taiga
- Amur wetlands
- Manchurian mixed forests
- Manchurian-Manchurian grassland
- Manchurian River grassland
- Manchurian-Chingai Plain deciduous forests
- Manchurian-Manchurian taiga
- Baikal Bald Mountain tundra
- Baikal conifer forests
- Manchurian broadleaf and mixed forests
- Manchurian meadows and forest meadows
- Manchurian forest steppe

- Protected area types of MONGOLIA:**
- Strictly protected area (SPA)
 - Buffer zone of SPA
 - National park
 - Nature reserve
 - Natural monument
- Protected area types of CHINA:**
- National nature reserve
 - Provincial nature reserve
 - National nature reserve
 - Provincial nature reserve
 - National forest park
- Protected area types of RUSSIA:**
- Zapovednik (Strict scientific nature reserve)
 - Buffer zone of zapovednik
 - National park
 - National wildlife refuge
 - Provincial wildlife refuge
 - Nature park
 - Pine-nut production groves
 - Wetland of provincial importance
 - Ecological corridor

Examples of multi-/ bilateral Cooperation mechanisms

Daurian International Protected Area (DIPA)

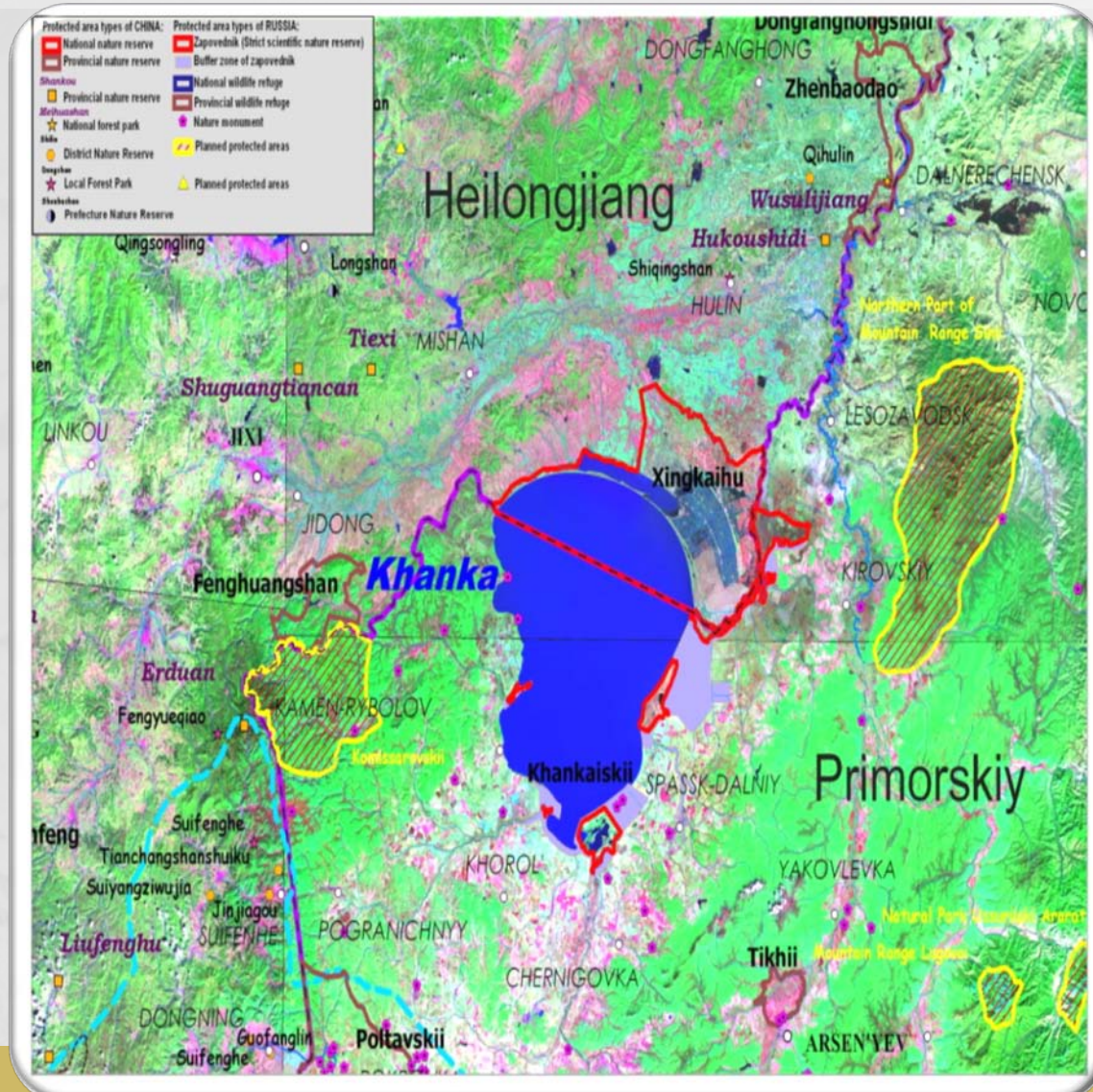
- Established in March 1994
- Covers Daursky Zapovednik and Tsasucheisky Bor National Wildlife Refuge in Russia;
- Mongol Daguur strictly protected nature area in Mongolia
- Dalai Lake National Nature Reserve in China



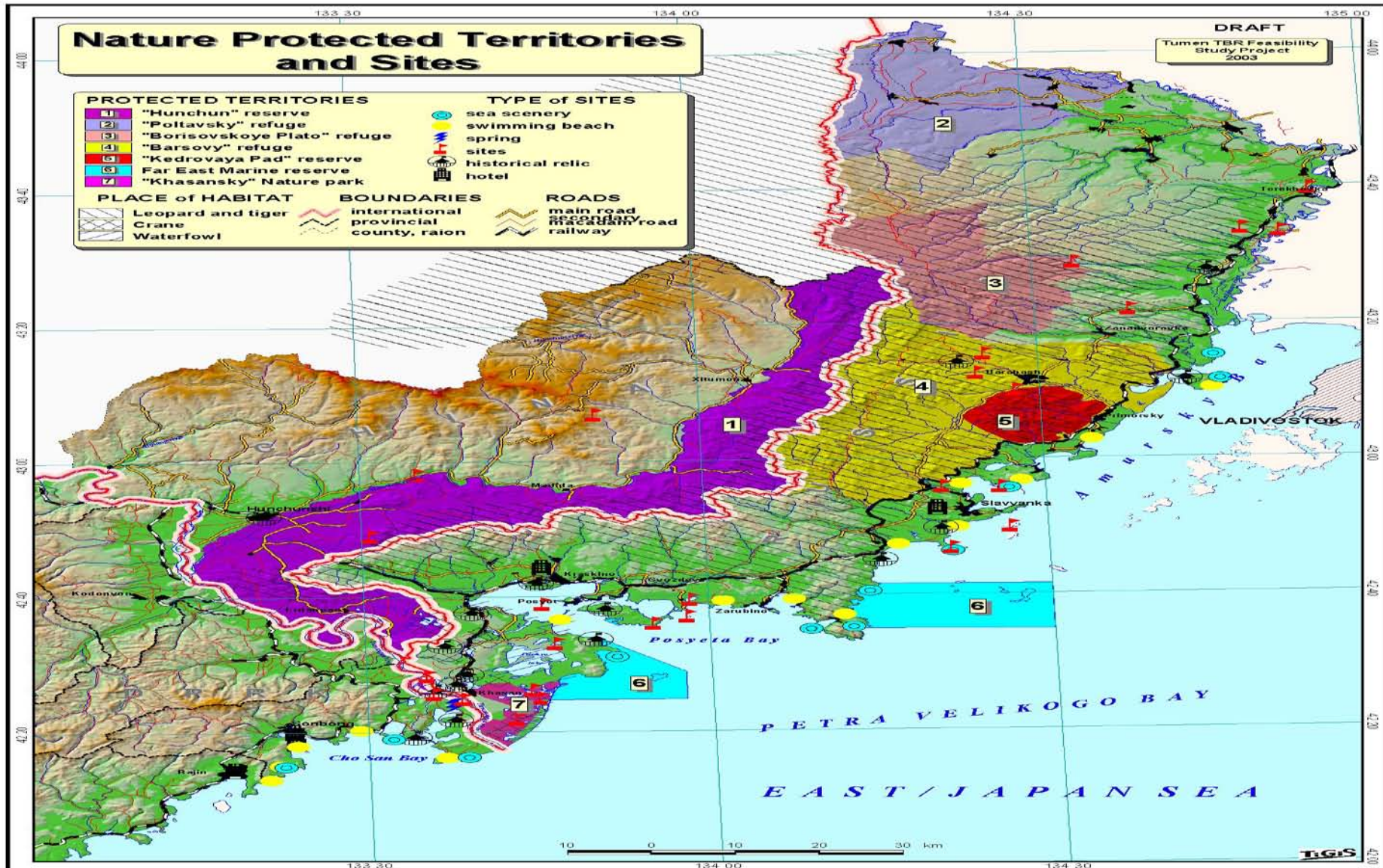
Examples of multi-/ bilateral Cooperation mechanisms

Khanka-Xingkai Lake International Nature

- Established in April 1996
- Covering the largest lake in Northeast Asia as well as a transboundary water body between China and Russia.



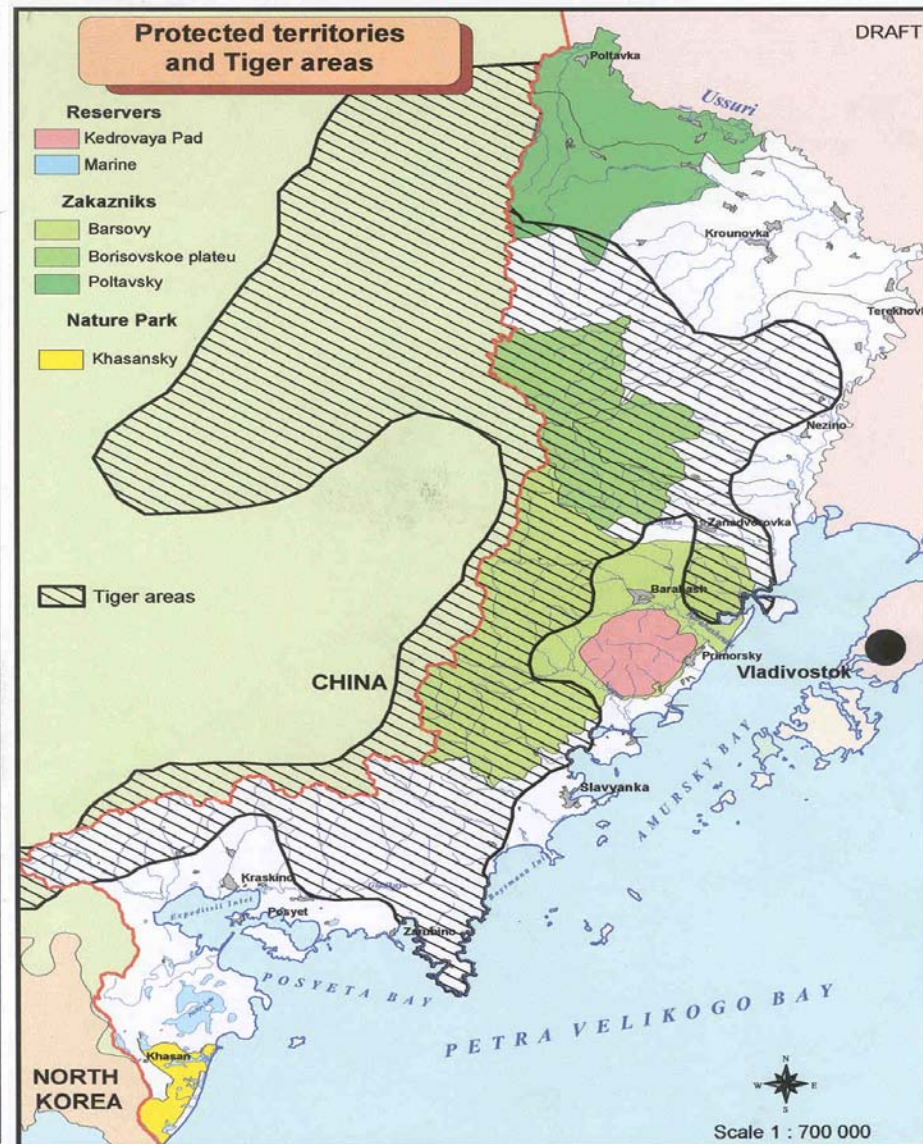
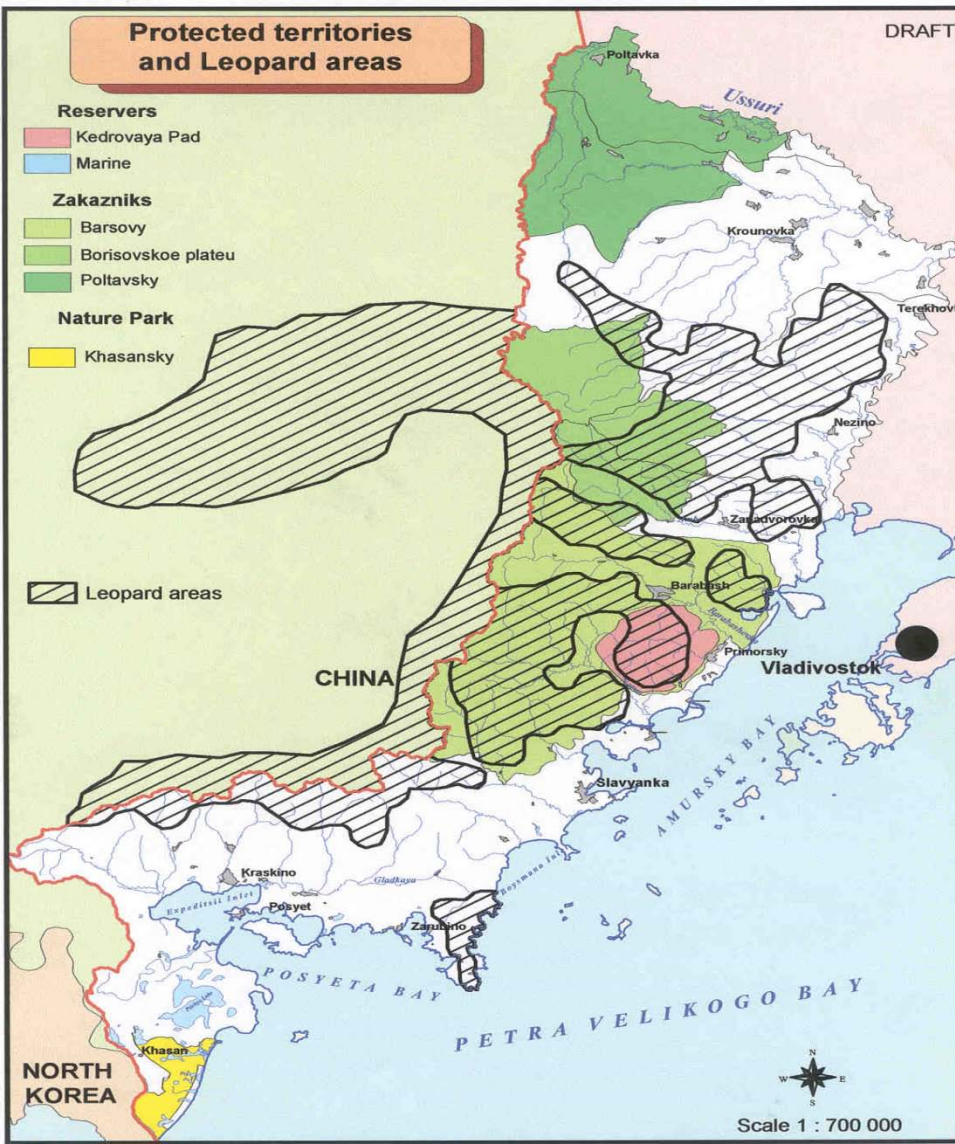
Protected Areas in the Lower Tumen River Area



Protected Areas in the Lower Tumen River Area

Name	Category and Status	Year of Establishment	Area (ha)
CHINA			
Hunchun	National Nature Reserve	October 2001	108,700
Dongfanghong	National Nature Reserve	Dec 2009	31,516
RUSSIA			
Far East State Marine Reserve	Zapovednik (strictly protected area) MAB (2003)	1978	63,000
Kedrovaya Pad	Zapovednik (strictly protected area) MAB (2004)	1916	17,890
Barsovy	Federal Zakaznik (special purpose reserve)	1979	106,000
Borisovskoye Plato (Plateau)	Regional Zakaznik (special purpose reserve)	1996	63,429
Khasansky	Nature Park MAB (2005)	1997	35,000
DPR KOREA			
Sonbong Migratory Bird Reserve	Municipal level-status bird reserve	1959	3,200
Unmu Island Sea-Bird Breeding Site	strictly protected area	1976	85

Tumen River Area: Land of Tiger and Leopard



Review of Existing Strategies and Proposals



Review of Existing Strategies and Proposals

Domestic Action

- **Increase in the Prey Density**
- **Anti-poaching/Law Enforcement**
- **Improvement of Forestry Management**
- **Public Educational Activities**
- **Compensation Scheme/Community Development**

International Cooperation

- **Monitoring System**
- **Technical and Training Assistance**
- **Anti-poaching**

Transboundary Coordination

- **Establishment of Transboundary Protected Areas**
- **Establishment of Ecological Corridors**

Questions

