

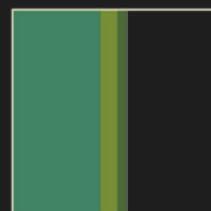
MOUNTAINS OF CENTRAL ASIA

1,538,855 km²



BIODIVERSITY TARGET

2020 TARGET: 17% protected



2015: 9.4% PROTECTED

7.2% I-IV

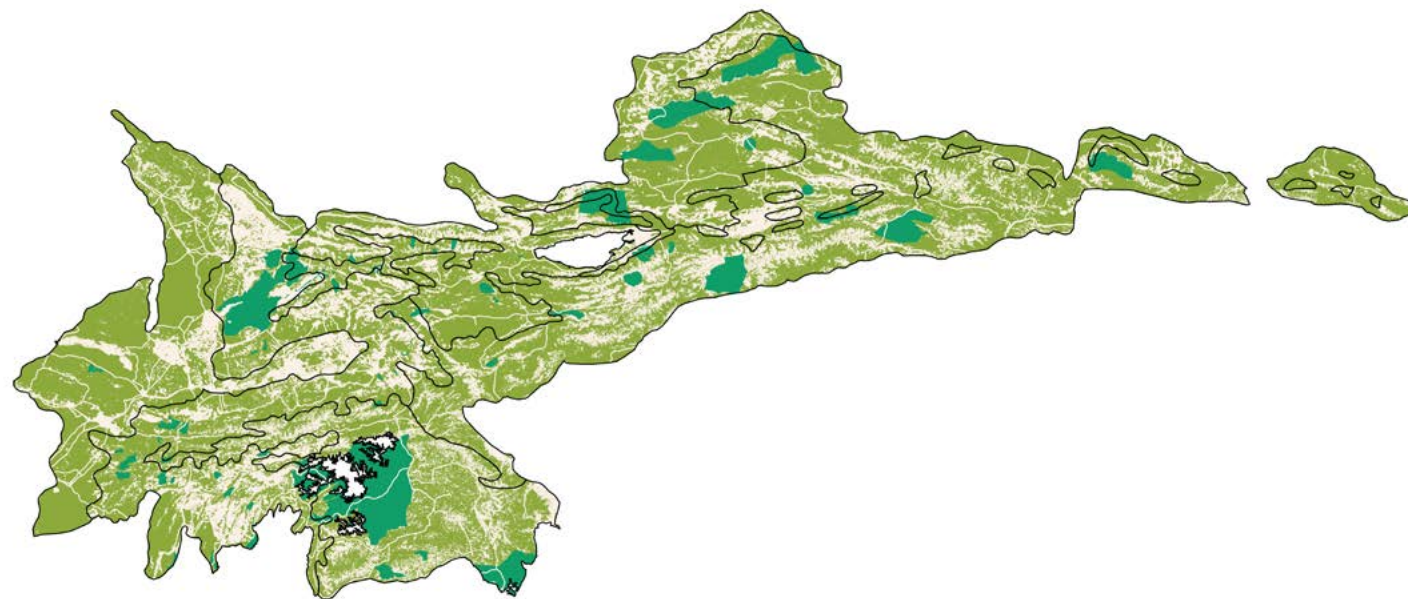
1.4% V-VI

.8% NA

- Mountains of Central Asia Hotspot
- Neighboring Hotspot
- Protected Area (IUCN Category I-IV)
- Protected Area (IUCN Category V-VI)
- Protected Area (IUCN Category NA)
- Urban Area
- Agriculture (0-100% landuse)
- Roads
- Railroads

MOUNTAINS OF CENTRAL ASIA ECOREGIONS

Shortfall Assessment to reach Target of 17% protected land in each terrestrial ecoregion



Afghanistan, China, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

4 BIOMES

Montane Grasslands & Shrublands

Rock & Ice

Temperate Conifer Forests

Temperate Grasslands, Savannas & Shrublands

6 ECOREGIONS

ENDEMIC PLANT SPECIES

1,500

ENDEMIC ANIMAL SPECIES

16

1. Alai-Western Tian Shan Steppe



181,534 km² remnant habitat

To reach Aichi Target of 17%



+37,529 km² protected areas



2. Gissaro-Alai Open Woodlands

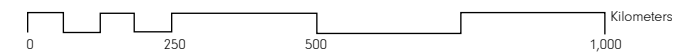
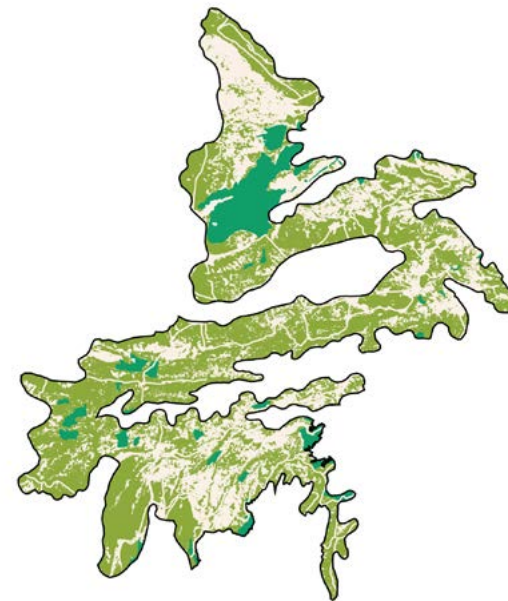


154,337 km² remnant habitat

To reach Aichi Target of 17%



+24,969 km² protected areas



3. Tian Shan Foothill Arid Steppe



160,103 km² remnant habitat

To reach Aichi Target of 17%



+27,425 km² protected areas

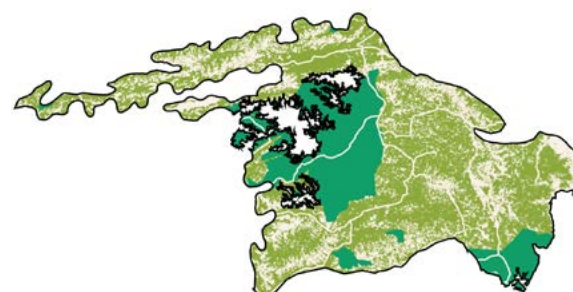


4. Pamir Alpine Desert & Tundra



74,046 km² remnant habitat

Target reached



5. Tian Shan Montane Conifer Forests

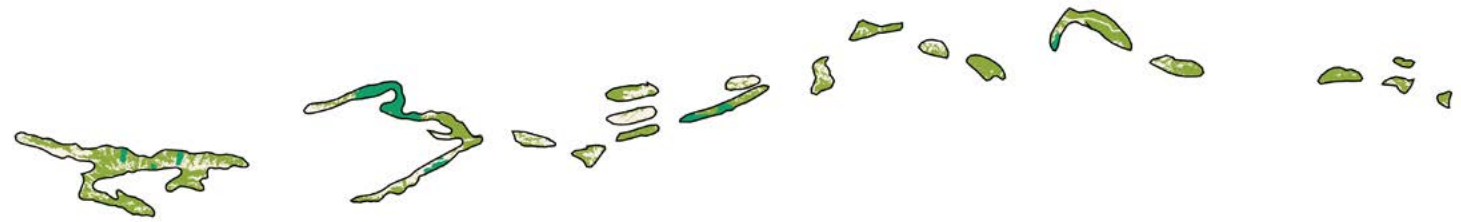


29,275 km² remnant habitat

To reach Aichi Target of 17%



+3,793 km² protected areas



6. Tian Shan Montane Steppe & Meadow

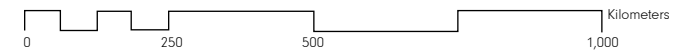


309,751 km² remnant habitat

To reach Aichi Target of 17%

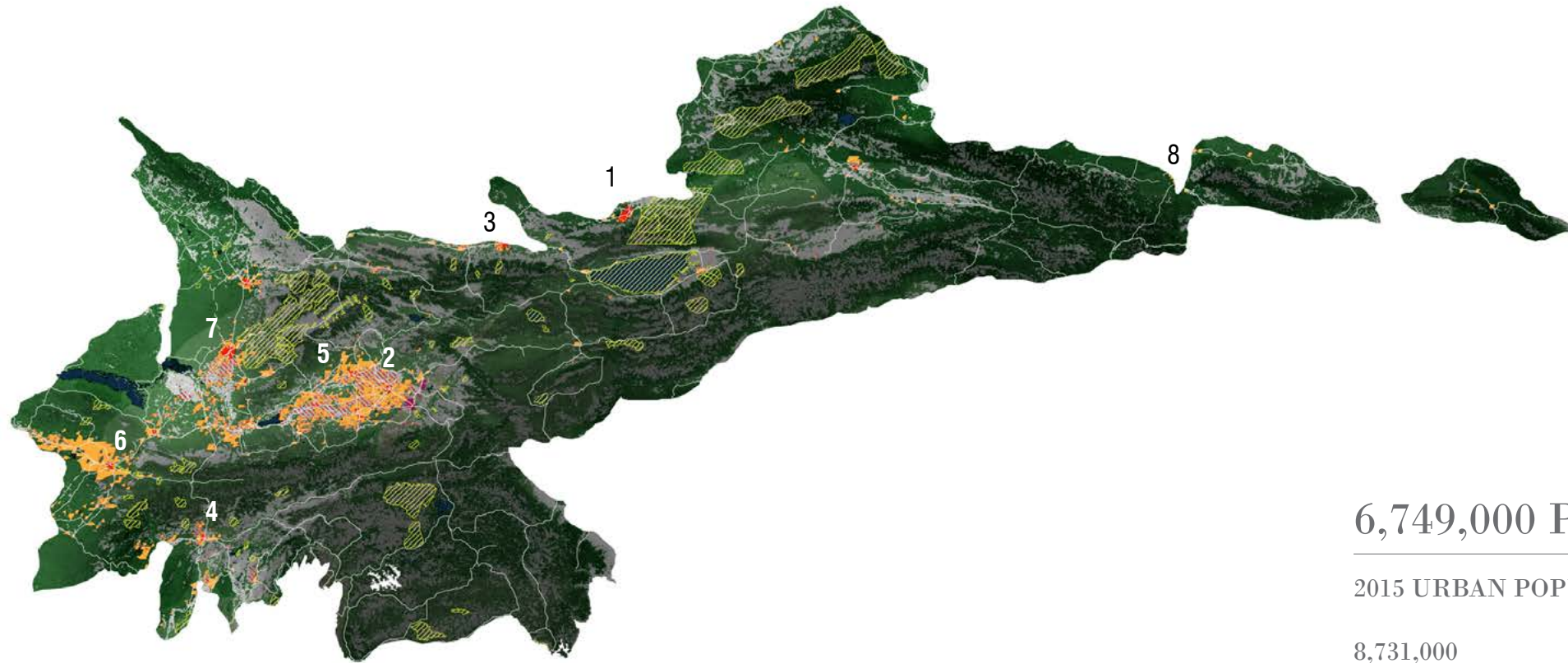


+29,968 km² protected areas



MOUNTAINS OF CENTRAL ASIA | CONFLICTS

Conflicts between 2030 projected urban growth areas and threatened species habitats



0 150 375 750km



6,749,000 Population

2015 URBAN POPULATION

8,731,000

2030 URBAN POPULATION

11

THREATENED ANIMAL SPECIES

MAJOR CROPS

wheat, barley, maize, cotton

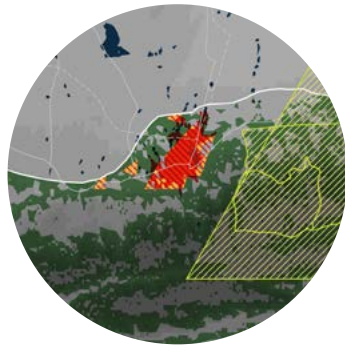
BIODIVERSITY THREATS

Agricultural Expansion

Overgrazing

Infrastructure Development

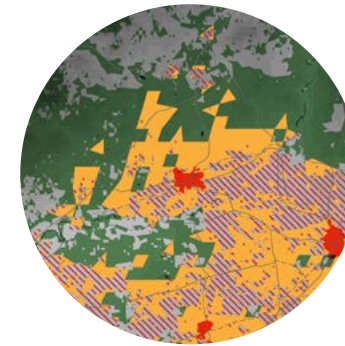
Deforestation



1. ALMATY, KAZAKHSTAN

POPULATION PROJECTIONS:

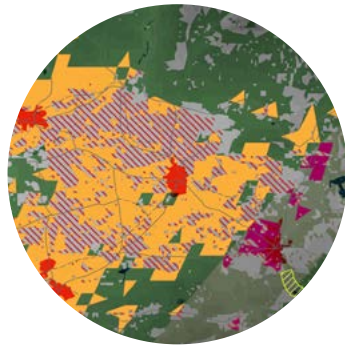
| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 1,523,000 | 1,730,000 |



5. NAMANGAN, UZBEKISTAN

POPULATION PROJECTIONS:

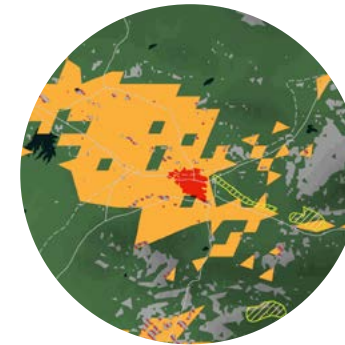
| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 521,000 | 717,000 |



2. ANDIJON, UZBEKISTAN

POPULATION PROJECTIONS:

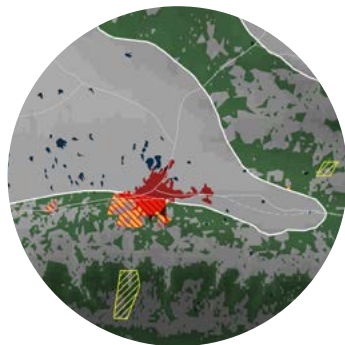
| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 402,000 | 537,000 |



6. SAMARKAND, UZBEKISTAN

POPULATION PROJECTIONS:

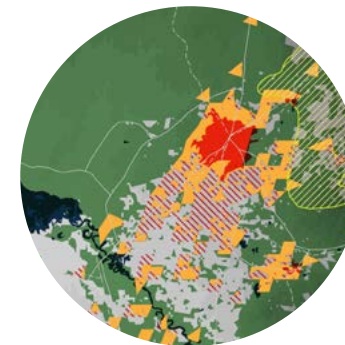
| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 364,000 | 464,000 |



3. BISHKEK, KYRGYZSTAN

POPULATION PROJECTIONS:

| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 865,000 | 1,173,000 |



7. TASHKENT, UZBEKISTAN

POPULATION PROJECTIONS:

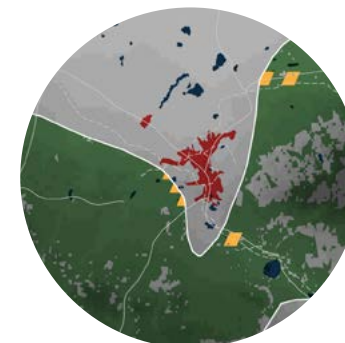
| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 2,251,000 | 2,839,000 |



4. DUSHANBE, TAJIKISTAN

POPULATION PROJECTIONS:

| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 822,000 | 1,271,000 |



8. URUMQI, CHINA

POPULATION PROJECTIONS:

| <u>2015:</u> | <u>2030:</u> |
|--------------|--------------|
| 3,499,000 | 4,831,000 |

