



SOME SUGGESTIONS FOR INTERNATIONAL COOPERATION AND MANAGEMENT OF FOREST FIRES

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SOME SUGGESTIONS FOR INTERNATIONAL COOPERATION AND MANAGEMENT OF FOREST FIRES

Every participating country should take similar precautions for forest fire management. Although developed countries have fire control techniques and experienced personnel for fire fighting.

Balkan, East Mediterranean and Central Asia countries does not have adequate high technology and experienced personel.

Thus in these regions there may be some great problems in fire control practices.

It is necessary to know actual state of forests, structure of fire fighting management units, possessed vehicles, tools, personnel information.

After evaluation of collected fire information data, emergency forest fire control centers should be established (EFCC) in these countries.

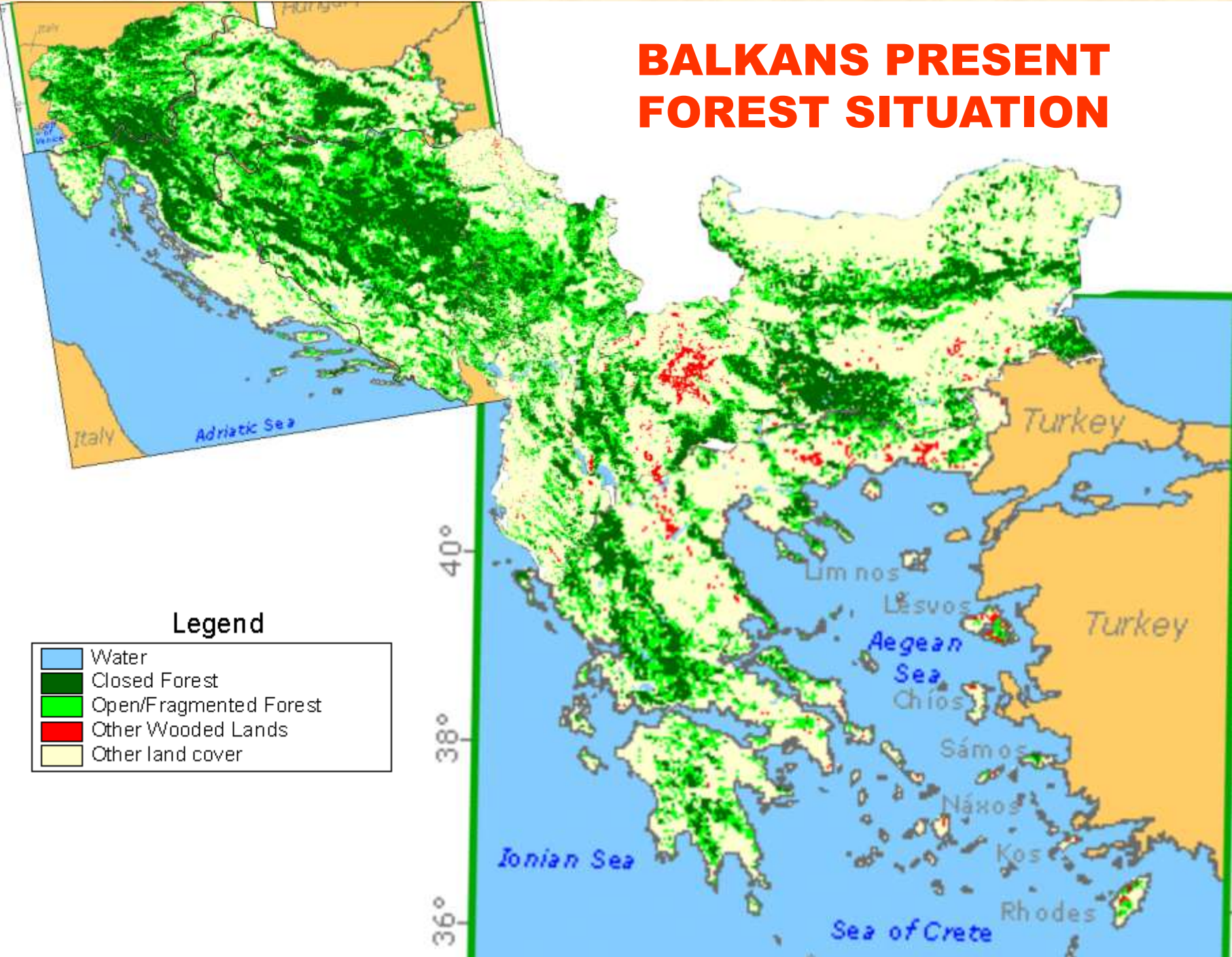
In these centers, there should be effective air support (airplanes and helicopters).

EMERGENCY FOREST FIRE CONTROL CENTERS (EFCC)

Document	Equipment
<p><u>Maps</u></p> <ul style="list-style-type: none"> * Forest Area Map * Forest Fire Risk Map 	<p><u>Electronic Equipments</u></p> <ul style="list-style-type: none"> *PC, printer, Camera) *Internet * Telephone, Mobile and Satellite Telephone oFax
<p><u>Coordinats</u></p> <ul style="list-style-type: none"> *Airports * Water Area (Lake, Small Lake, Barrage, Big River) 	<p><u>Tools</u></p> <ul style="list-style-type: none"> *Land Vehicles (4X4) *Aeroplanes (Amphibic airplane, helicopter)
<p><u>Files</u></p> <ul style="list-style-type: none"> *Personel (Center coordinator: UN or FAO, forest engineer, air coordinator: pilot) Name, Surname, Telephone, Mobile Telephone, Fax, E-mail, *Meteorologue Meteorologue Center Responsible Phone Number, Fax Number, E-mail *Radio Frekans and Code Table 	<p><u>Logistics</u></p> <ul style="list-style-type: none"> *Generator *Metal Container (2 unit for people and warehouse) *Bumby Bucket (2 unit for each country with a min. 2 tons capacity) *Wireless (sufficient number)



BALKANS PRESENT FOREST SITUATION





Balkan Countries and Air Ports



Geographical Positions of Balkan Countries

BALKANS EMERGENCY FOREST FIRE REGIONAL COORDINATION CENTER

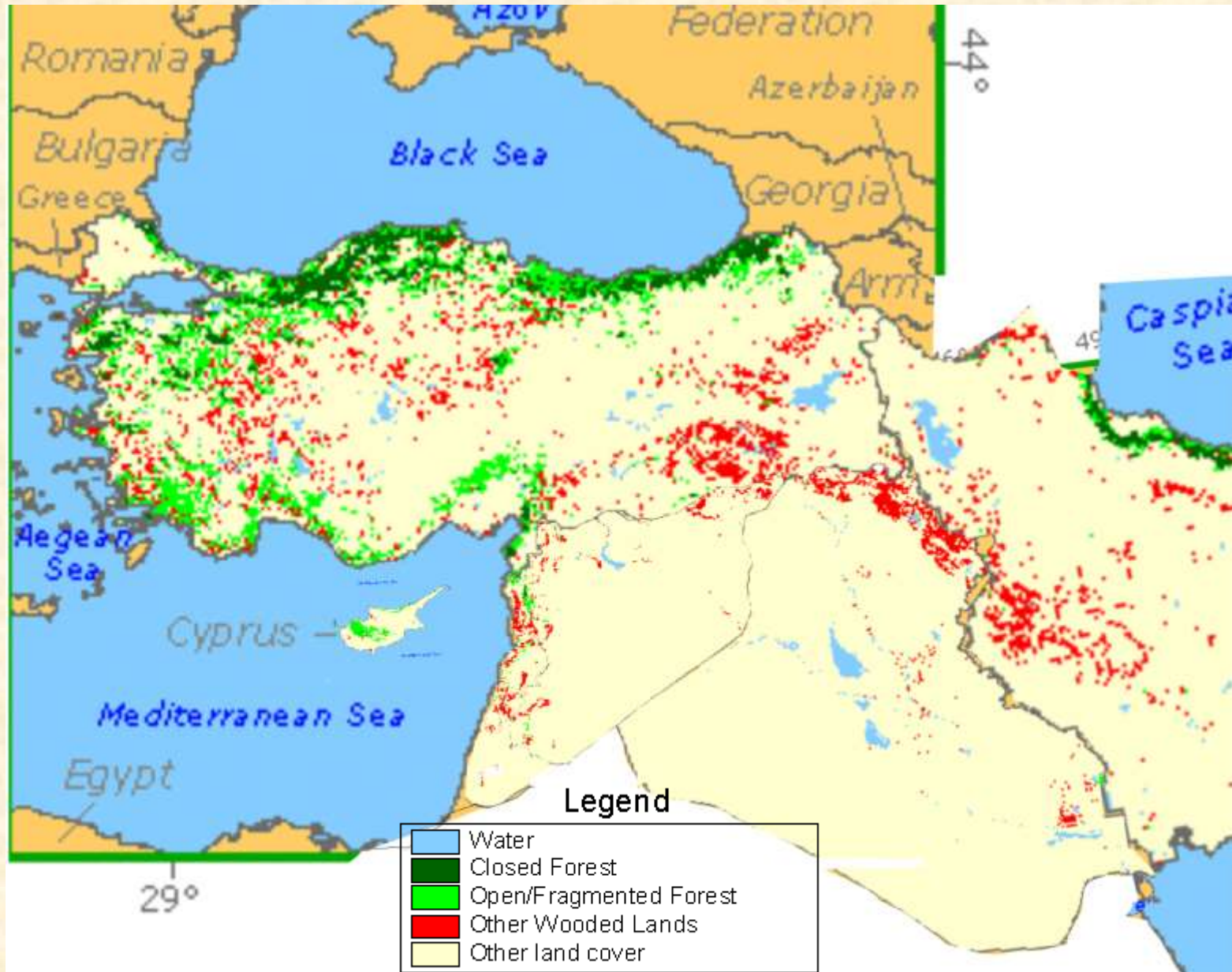
- The Center will be situated in vicinity of Skopje Airport in Macedonia
- Task area will cover seven countries including Albania, Bosnia-Herzegovina, Croatia, Macedonia, Slovenia, Serbia-Montenegro (Yugoslavia) and Bulgaria
- The center will have fourteen bumpy buckets and a suitable aero plane for transportation (These countries have first rank in terms of fire risk)
- Considering responsible civilian organizations of these countries may not be enough, they will be reinforced with the staff chosen from military service
- One MI8 helicopter and one airplane will be jointly hired by the countries and held in the center
- During critical period one forest engineer and one pilot will be employed for preparations
- Operation Coordinator (UN or FAO expert) will take responsibility just after arriving and start operation

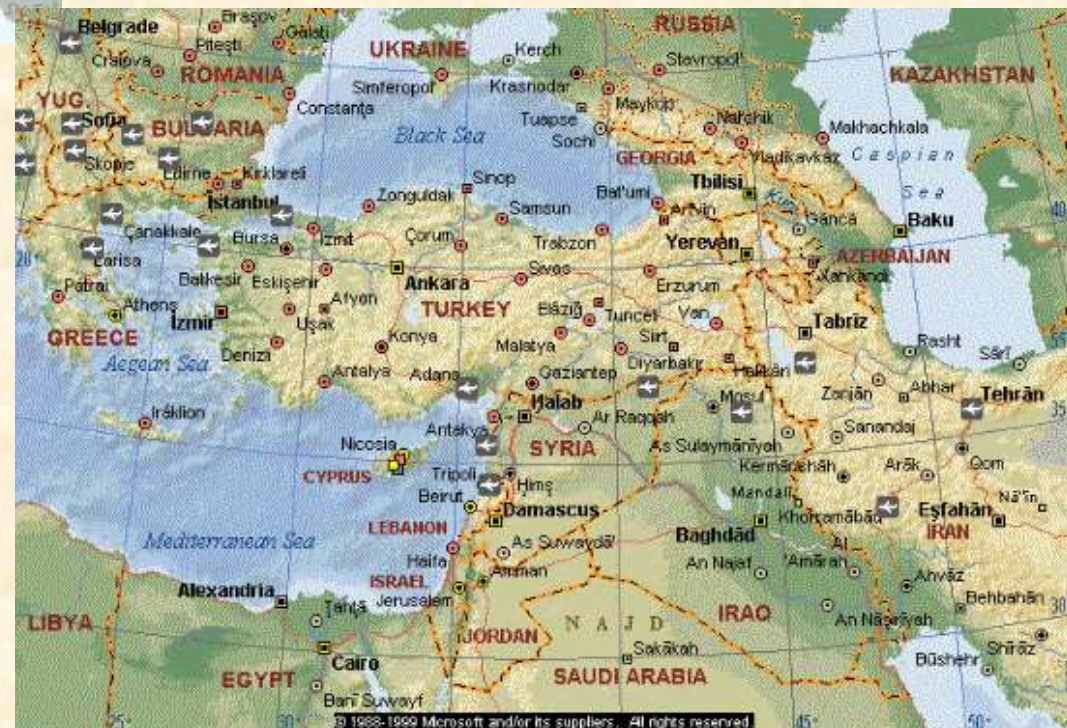


- One Canadair from Italy for fires in Bosnia-Herzegovina, Croatia, Slovenia and Jugoslavia,
- For the rest from Greece will be dispatched
- Preliminary agreements will be signed between the countries

BALKANS EMERGENCY FOREST FIRE CONTROL CENTERS (BEFCC)	
COORDINATION CENTER AIRPORT	SUB CENTER AIRPORT
Skopje (Macedonia)	Albania (Tiran)
	Bosnia Herzegovina (Sarajevo)
	Bulgaria (Plovdiv or Sofia)
	Croatia (Dubrovnik or Split, Rijeka)
	Serbia-Montenegro (Tivat or Podgorica)
	Slovenia (Lubjiana)

EASTERN MEDITERRANEAN PRESENT FOREST SITUATION





Eastern Mediterranean Countries and Air Ports

Geographical Positions of Eastern Mediterranean Countries

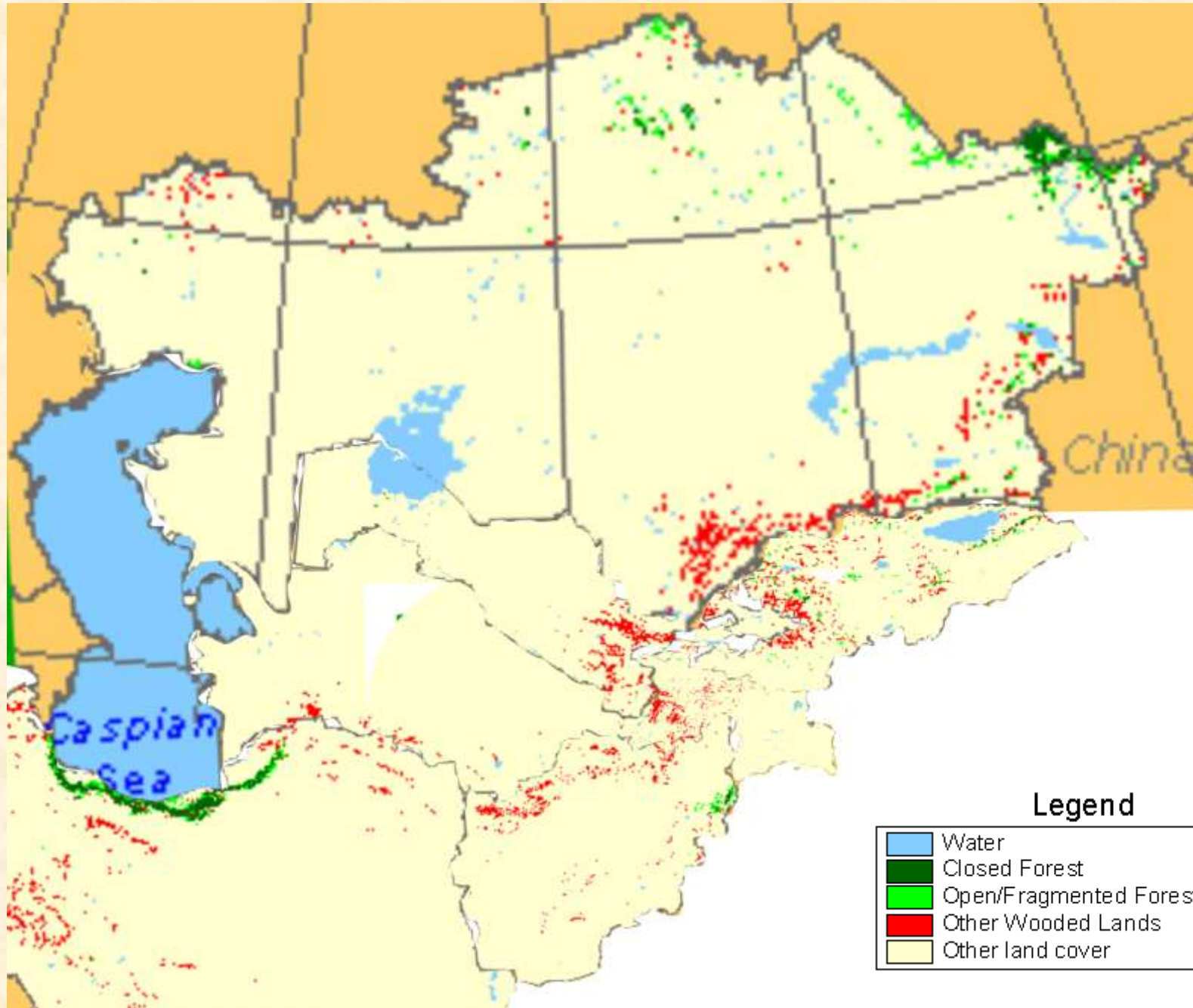
EASTERN MEDITERRANEAN EMERGENCY FOREST FIRE REGIONAL COORDINATION CENTER

- The Center will be situated in vicinity of Sakirpasa Airport in Adana City
- Task area will cover six countries including Cypress, Northern Iraq, Western Iran, Lebanon, Syria and Southern Turkey
- The center will have six bummy buckets and a suitable aero plane for transportation (These countries have second rank in terms of fire risk)
- Considering responsible civilian organizations of these countries may not have enough experience, the staff chosen from military service will be trained by experts
- One Canadair type amphibian airplane will be jointly hired by the countries and hold in the center
- During critical period one forest engineer and one pilot will be employed for preparations
- Operation Coordinator (UN or FAO expert) will take responsibility just after arriving and start operation

EASTERN MEDITERRANEAN EMERGENCY FOREST FIRE REGIONAL COORDINATION CENTER (BEFCC)

COORDINATION CENTER AIRPORT	SUB CENTER AIRPORT
Turkey (Adana)	Iraq (Irbil)
	Iran (Benab or Khoram Abad)
	Cyprus (Lefkoşe or Lemesos)
	Lebanon (Tripoli)
	Syria (Latakia or El Qamishliye)
	Turkey (Gaziantep)

CENTRAL ASIA PRESENT FOREST SITUATION





Central Asia Countries and Air Ports



Geographical Positions of Central Asia Countries

CENTRAL ASIA EMERGENCY FOREST FIRE REGIONAL COORDINATION CENTER

- The Center will be situated in vicinity of Chimkent Airport in Kazakhstan
- Task area will cover seven countries including Afghanistan (Northern), Iran (Northeast), Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan
- The center will have fourteen bummy buckets and a suitable aero plane for transportation (These countries have second rank in terms of fire risk)
- Considering responsible civilian organizations of these countries may not be enough, they will reinforced with the staff chosen from military service
- One Berujev type amphibian air tanker with a capacity of at least 6 tons will be jointly hired by the countries and hold in the center
- During critical period one forest engineer and one pilot will be employed for preparations
- Operation Coordinator (UN or FAO expert) will take responsibility just after arriving and start operation
- Mongolia will get support from Russian Federation because it has a powerful air fleet



CENTRAL ASIA EMERGENCY FOREST FIRE REGIONAL COORDINATION CENTER (BEFCC)

COORDINATION CENTER AIRPORT	SUB CENTER AIRPORT
Kazakhstan (Shymkent)	Afghanistan (Mazar-e Sharif)
	Iran (Bojnurd)
	Kyrgyzstan (Osh)
	Tajikistan (Dushanbe)
	Turkmenistan (Ashgabat)
	Uzbekhstan (Samargand)

- Index
- <http://www.fao.org/forestry>
- <http://www.fire.uni-freiburg.de/>

