

**Appendix 1** - List of forest fire causes identified for Algeria, divided into three main categories: accidental, negligent, and deliberate.

### **Natural origin**

- (1) Lightning

### **Accidental**

- (2) Power line arching
- (3) Vehicle's muffler
- (4) Clear glass refraction

### **Voluntary fires**

#### **(i) motivated by conflict**

- (5) Conflict related to land use
- (6) Conflict related to hunting
- (7) Conflict related to administration
- (8) Conflicts related to wild land ownership
- (9) Conflicts related to forest policy: reforestations in communal areas; restrictions of local use in protected areas (national and natural parks).
- (10) Fires set for political reasons

#### **(ii) motivated by search of profit or interest**

- (11) Interest in land use changes
- (12) Interest in hunting
- (13) Interest or profit in pastoralism (pasture renewal or improvement)
- (14) Honey gathering and related use of smoke
- (15) Fires set to chase off wild animals (wild boars).
- (16) Fires set to create jobs in fire fighting or in reforestations
- (17) Illegal dumping and burning of garbage

### **Involuntary**

#### **(i) due to professional works**

- (18) Forest works (*machinery*)
- (19) Forest works - burning of cut bush
- (20) Agricultural works (*machinery*)
- (21) Agricultural works (burning of cut bush; stubble burning etc.)
- (22) Restart of fire

#### **(ii) due to private activities**

- (23) Careless use of stoves
- (24) Children's games
- (25) Campfire in forest (leisure activities)
- (26) Cigarettes remains (Throwing butts by walker)
- (27) Cigarettes remains (Throwing butts from vehicles)
- (28) Illegal dumping and burning of garbage

### **Mental disorder**

- (29) Pyromania