

Desk Research for „Effects of pollution“

Core Points

Clearing and leveling off ground

- ground is so hard it cannot absorb any water
 - flooding
 - erosion
 - mudslides
 - debris avalanche
- clearing woods leads to more avalanche risk

Snow canons

- according to measurements a few rivers in the alps containing 70% less water in comparison before snow canons were used
- artificial snow is more compact
 - less oxygen reaches the ground under the snowpack which is a problem for the vegetation

Temperatures

- temperatures of last 120 years raised by 2 degree Celsius
 - almost double of global average
- researchers expect another raise by 2 degree Celsius in the next 40 years
- glacials shrink half of their expanse