The 15 Planetary Emergencies identified by the World Federation of Scientists are:

- Water
- Soil
- Food
- Energy
- Pollution
- Limits of Development
- Climatic Changes
- Global Monitoring of the Planet
- Missile Proliferation and Defence
- Science and Technology for Developing Countries
- Organ Substitution
- Medicine and Biotechnology
- Cultural Pollution
- Defence Against Cosmic Objects
- Conversion of Military Resources

The fight against these Planetary Emergencies is spearheaded by the <u>Permanent Monitoring</u> <u>Panels</u> that have been established by the World Federation of Scientists.