

Ques The National Bio-diversity mission recognizes need for human resources required to meet complex environmental challenges of the 21st century.
Elaborate (200 words).

Ans Climate-change is the most important issue in today's world, posing serious threats to humans, fauna and flora, wildlife etc. The National Bio-diversity (NB) mission recognizes the need for human resources to meet complex environmental challenges posed like water scarcity, Heat waves, melting glaciers at rapid pace, increasing temperature at unusual speed etc.

Following are the areas where human-resources can help in greater way to tackle these complex challenges :-

→ Reduction in consumption of hazardous material

- along with mitigation of existing hazardous material laying down across earth using latest technology such as Bio-remediation etc
- Adoption of ZERO carbon emit devices/machines to ensure no additional emission
 - More focus on Research & Development and innovate technologies to destroy waste like space debris, air pollution, water contamination etc
 - Follow the 4R's policy strictly - Recycle, Reduce, Reproduce, Renew.
 - Coordination at international level with participation of communities, academia, experts etc in formulating anti climate-change policies and implementation across world with proper framework

Conclusion: As per NITI Aayog's report in 2019, In India, 60 cities will run out of drinking water. Similarly by 2050, earth's temperature will $\uparrow$ by 2°C as per UNEFCC report. The Need of the hour is to take objectives of all the forums like Paris Climate agreement, 2015 Kyoto protocol, Sustainable development Goals (SDGs) seriously and work towards achieving the objectives dedicatedly, seriously and in disciplinary manner to ensure the future generation can live the life better than the today what we have.