



**"ROLE OF INTERDISCIPLINARY  
APPROACHES IN INTEGRATING YOUTH  
FOR ONE HEALTH THROUGH STEM  
INNOVATIONS"**

***OPTIMIZING HEALTH AND ECOSYSTEM-  
RELATED ISSUES***

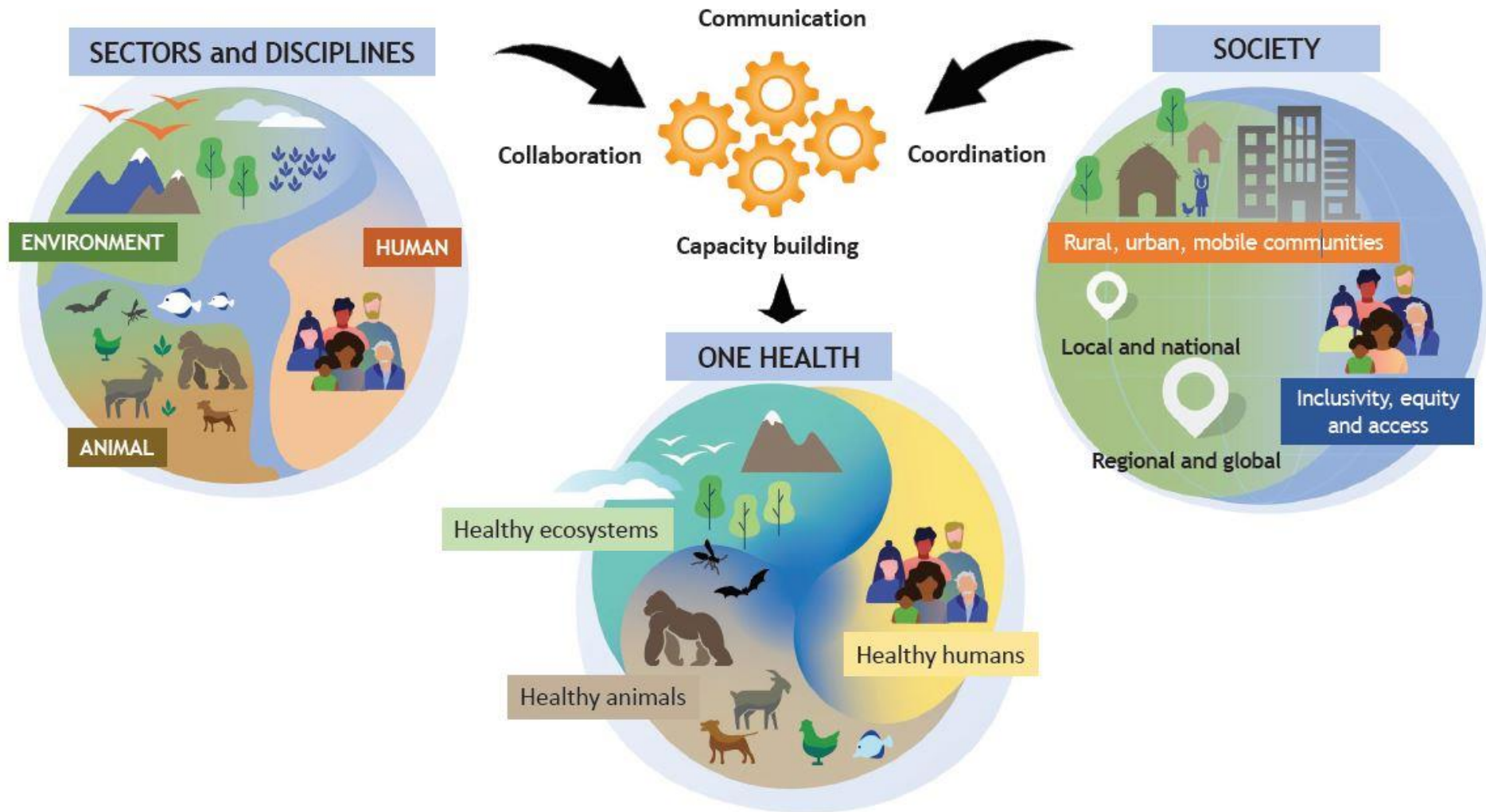
**MOHAMMAD FARHAN BIN RUSLI  
MD, MPH, OHD, DRPH, AM  
PUBLIC HEALTH MEDICINE SPECIALIST  
DEPUTY COORDINATOR MYOHUN**



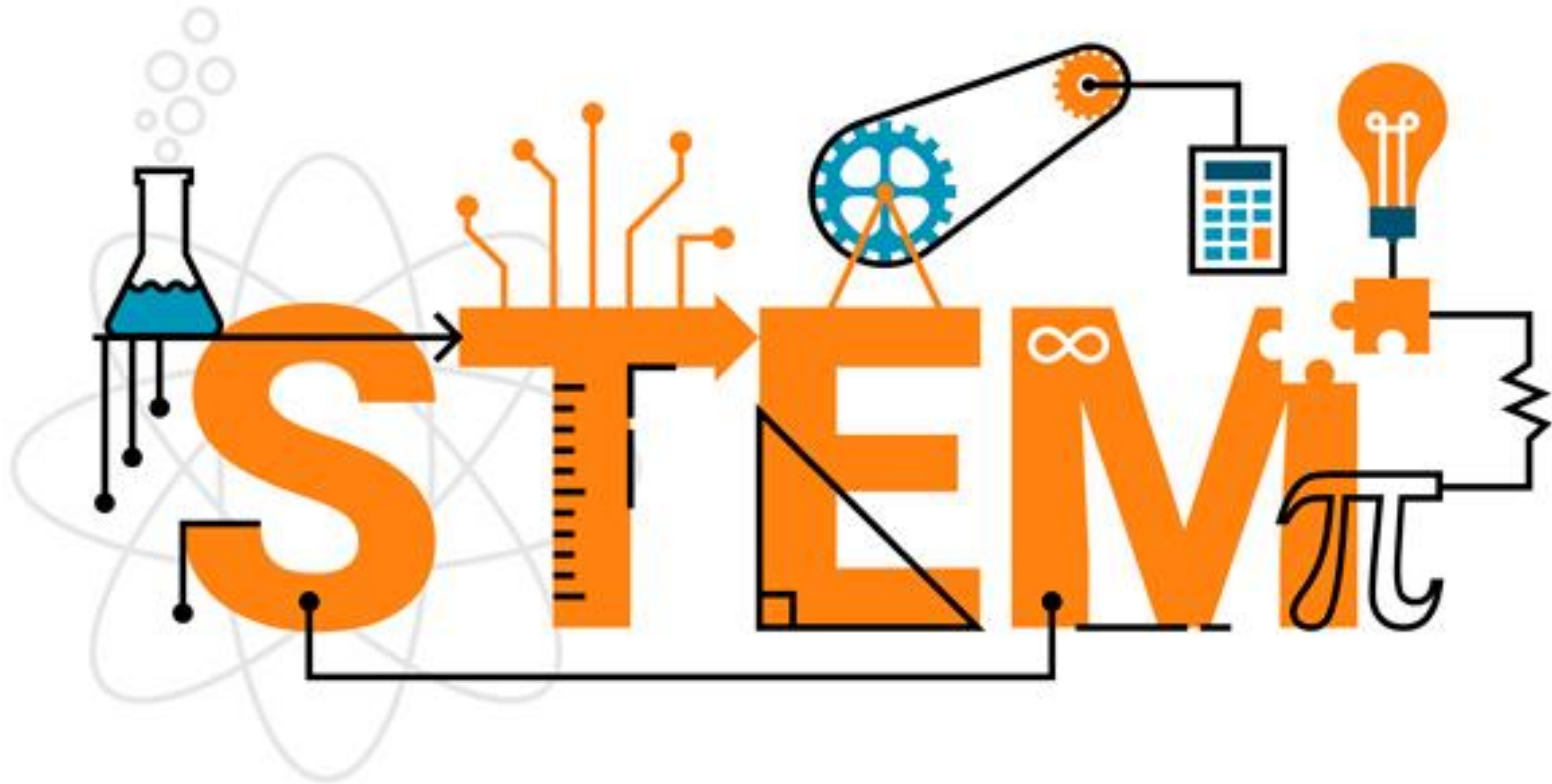
# INTRODUCTION

- ONE HEALTH
  - **HOLISTIC APPROACH TO WELL-BEING**
  - **BREAKING SILOS IN HEALTH SCIENCES**
  - **PREVENTING AND MITIGATING DISEASE OUTBREAKS**
- IMPORTANCE OF INTERDISCIPLINARY APPROACHES
  - **COMPREHENSIVE PROBLEM SOLVING**
  - **INNOVATIVE SOLUTIONS TO COMPLEX CHALLENGES**
  - **ADDRESSING REAL-WORLD COMPLEXITY**

# WHAT IS ONE HEALTH?



# STEM INNOVATIONS IN ONE HEALTH



# TELEMEDICINE AND REMOTE MONITORING





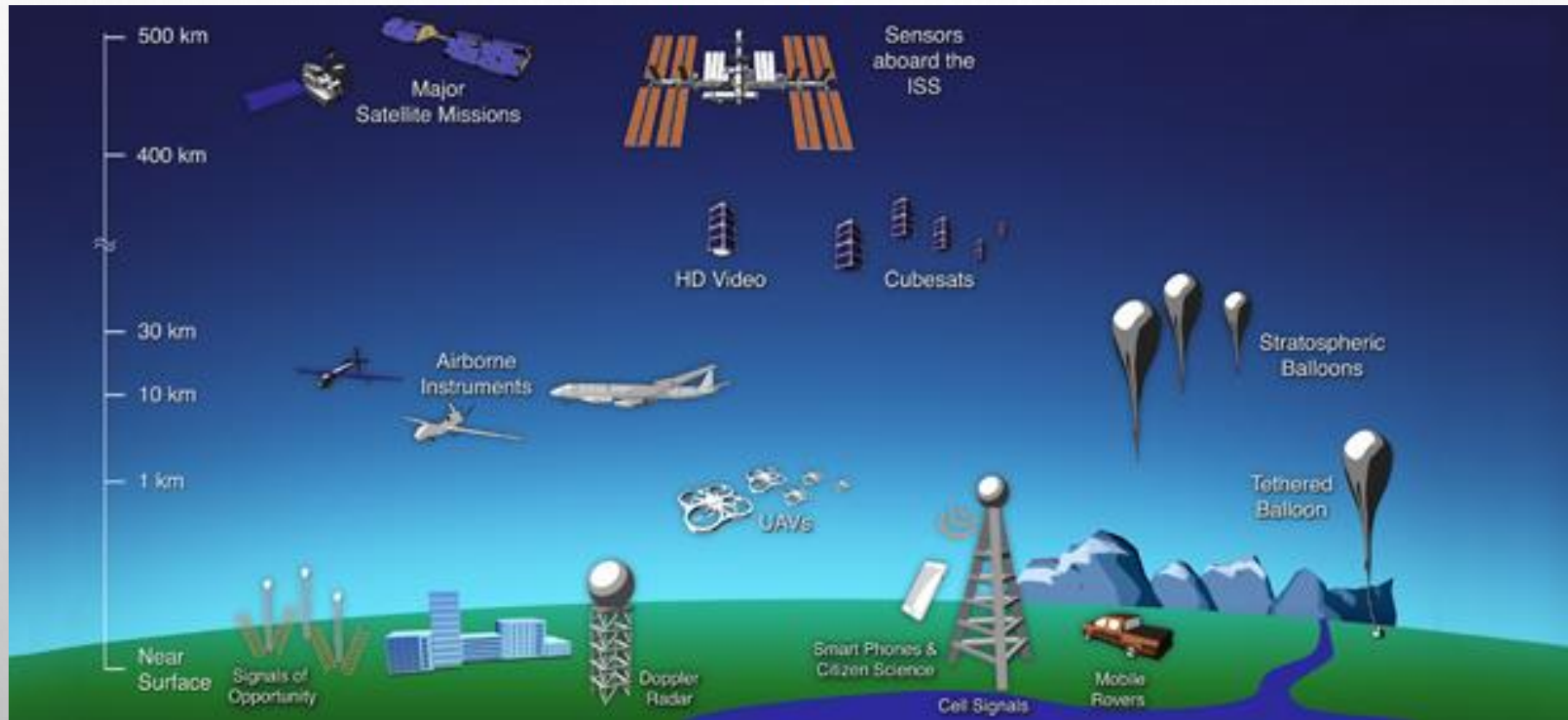
# GENOMIC MEDICINE



# ROBOT-ASSISTED SURGERY

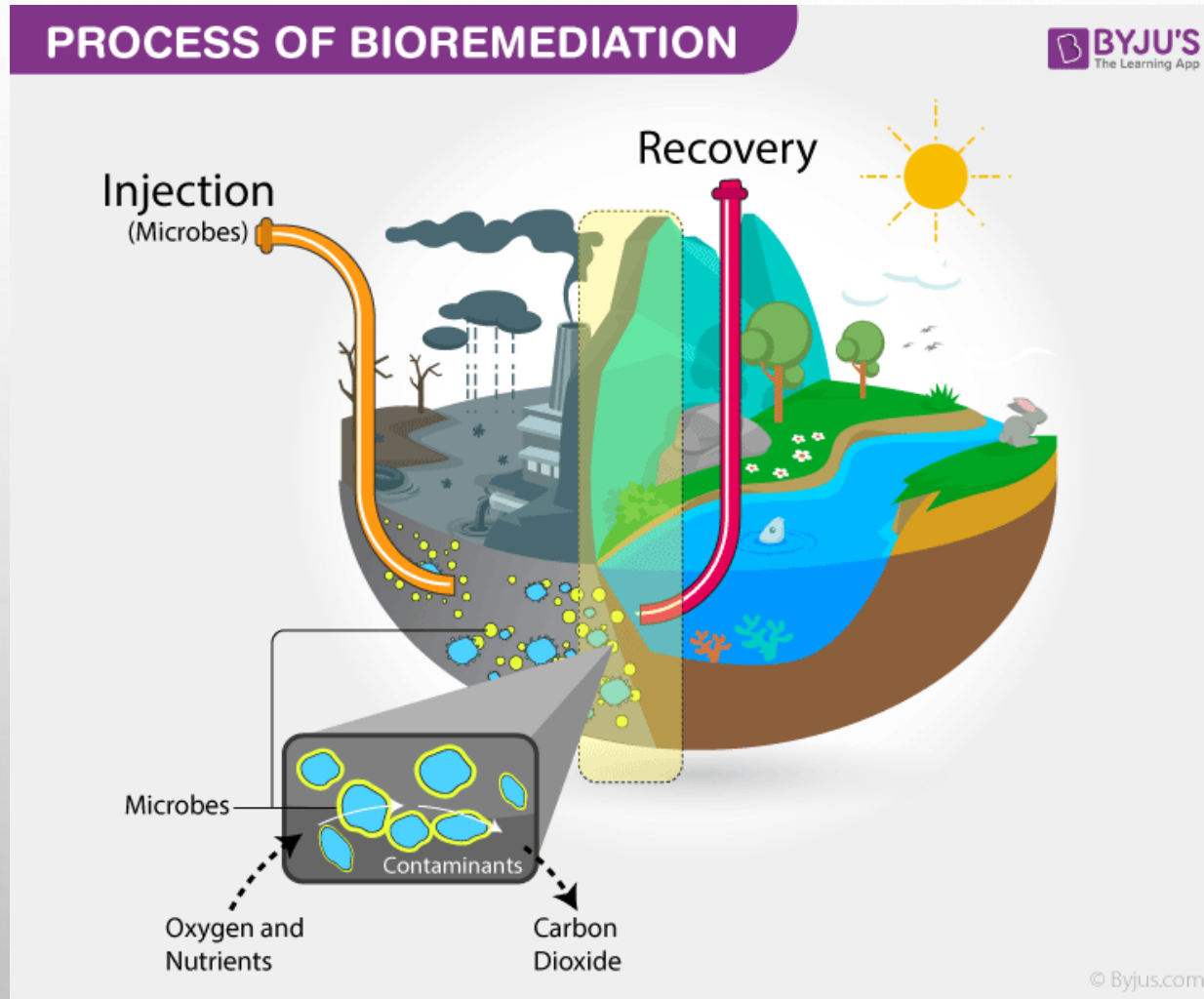


# REMOTE SENSING TECHNOLOGIES

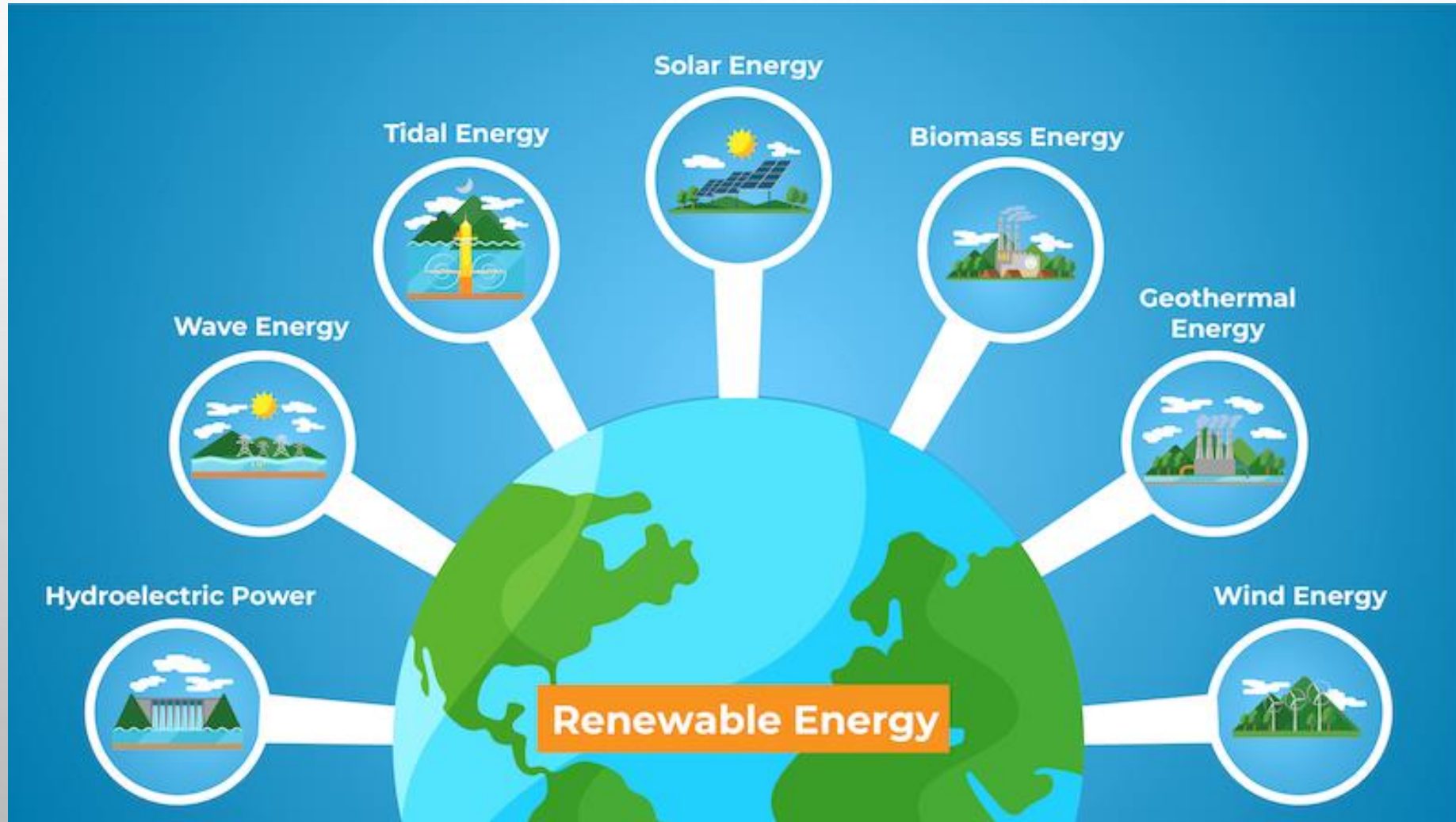




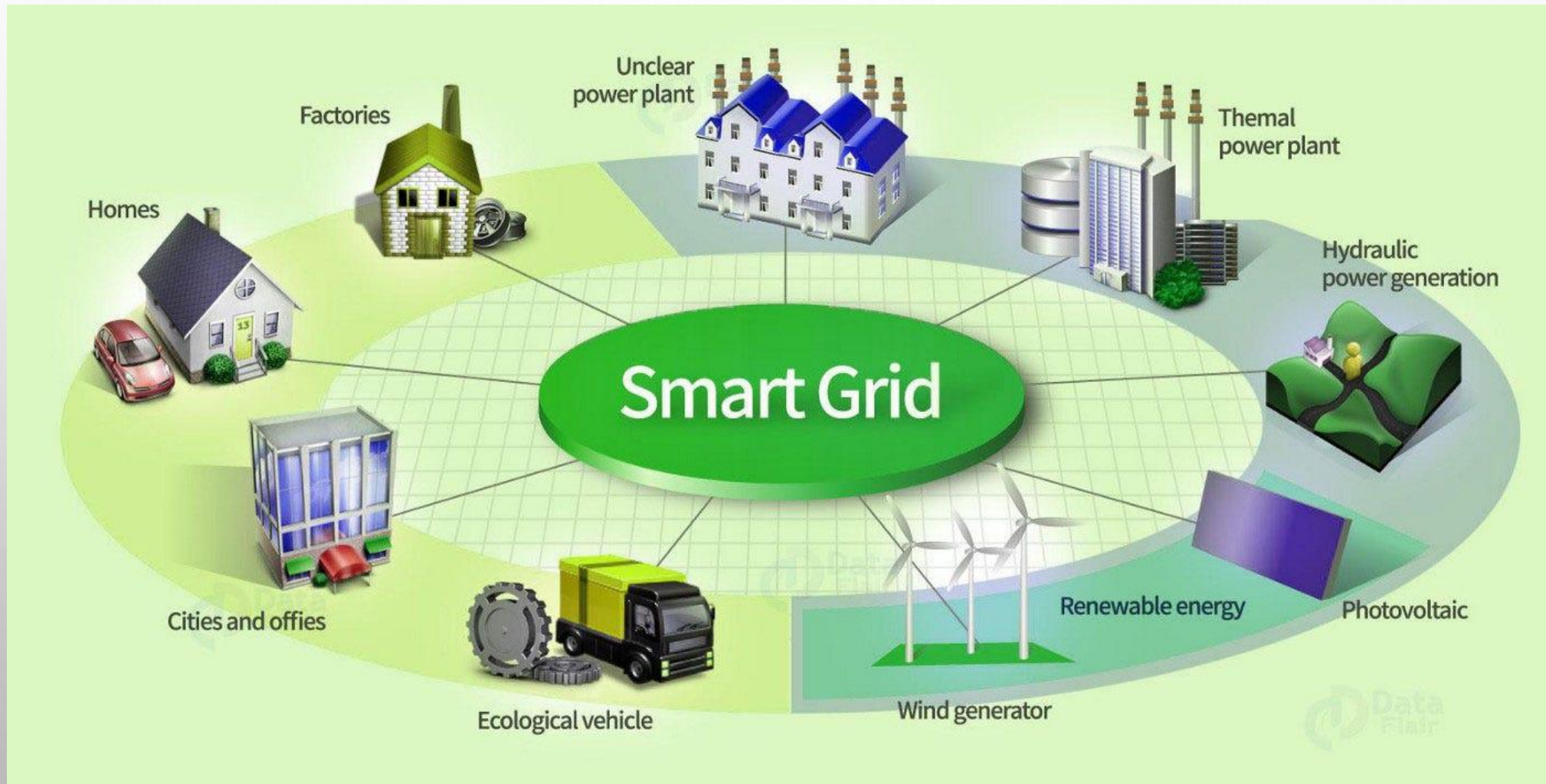
# BIOREMEDIATION TECHNIQUES



# RENEWABLE ENERGY TECHNOLOGIES

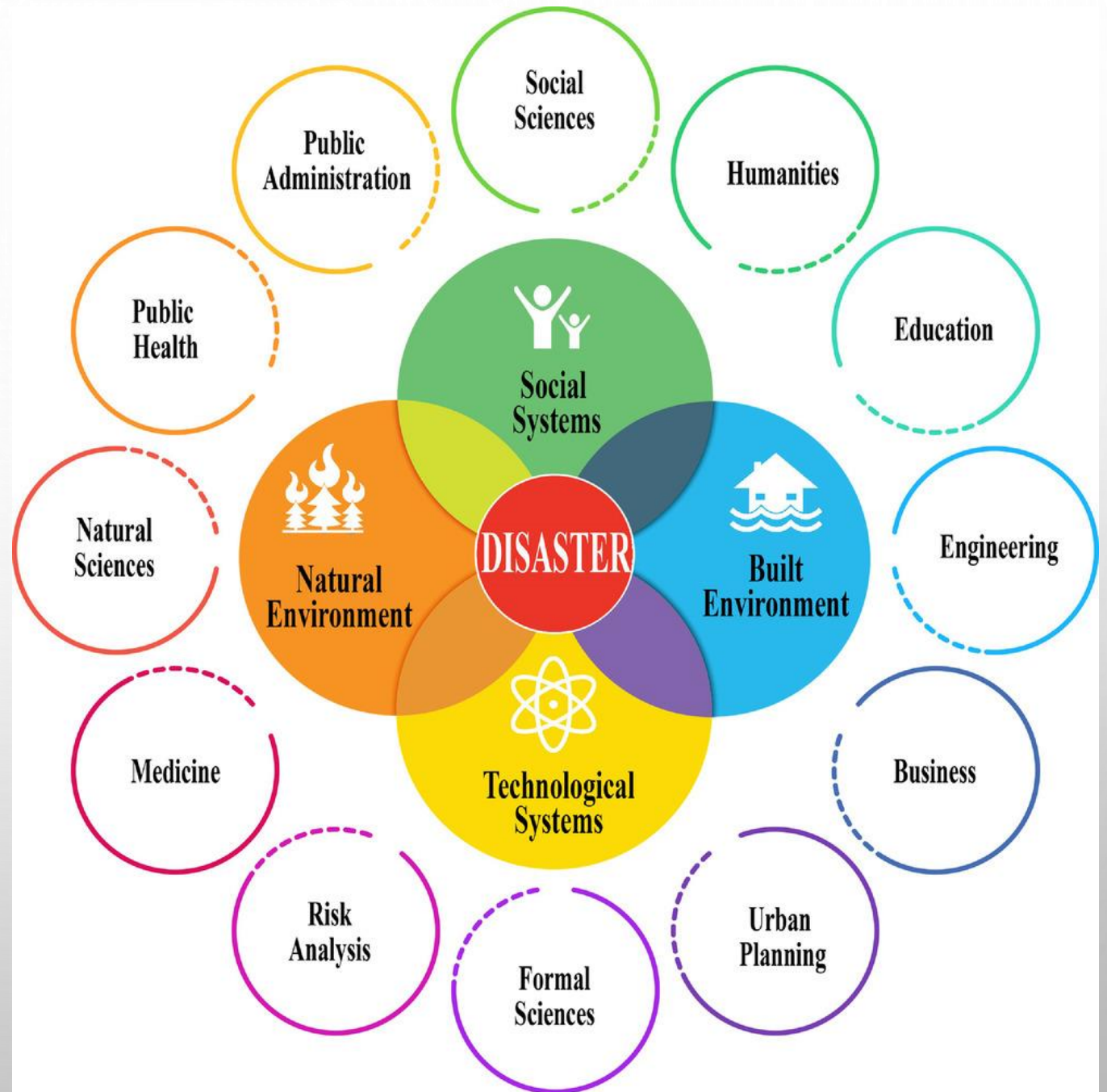


# SMART GRID SYSTEMS





# INTERDISCIPLINARY APPROACHES





# FUTURE OUTLOOK



**THANK YOU**