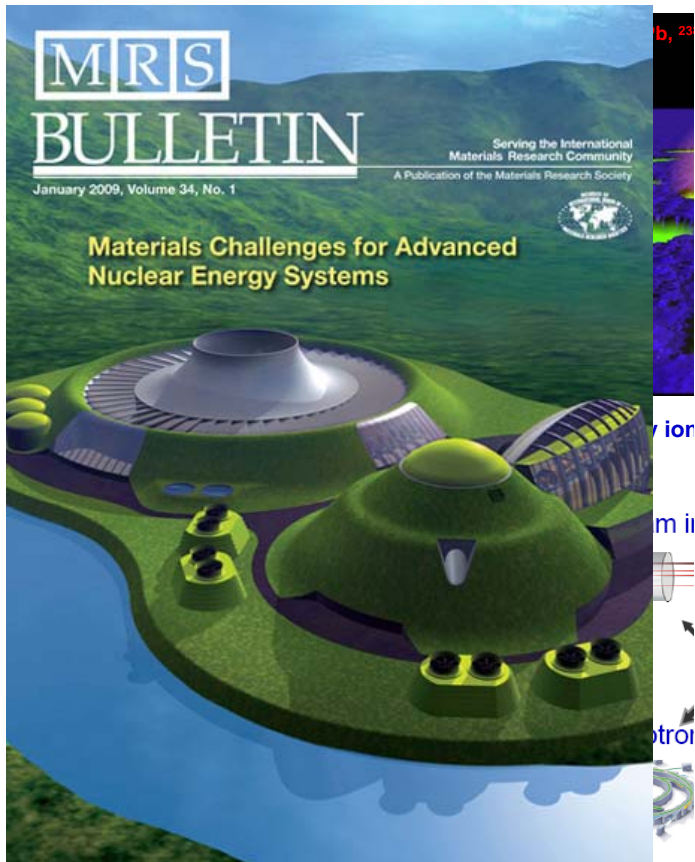
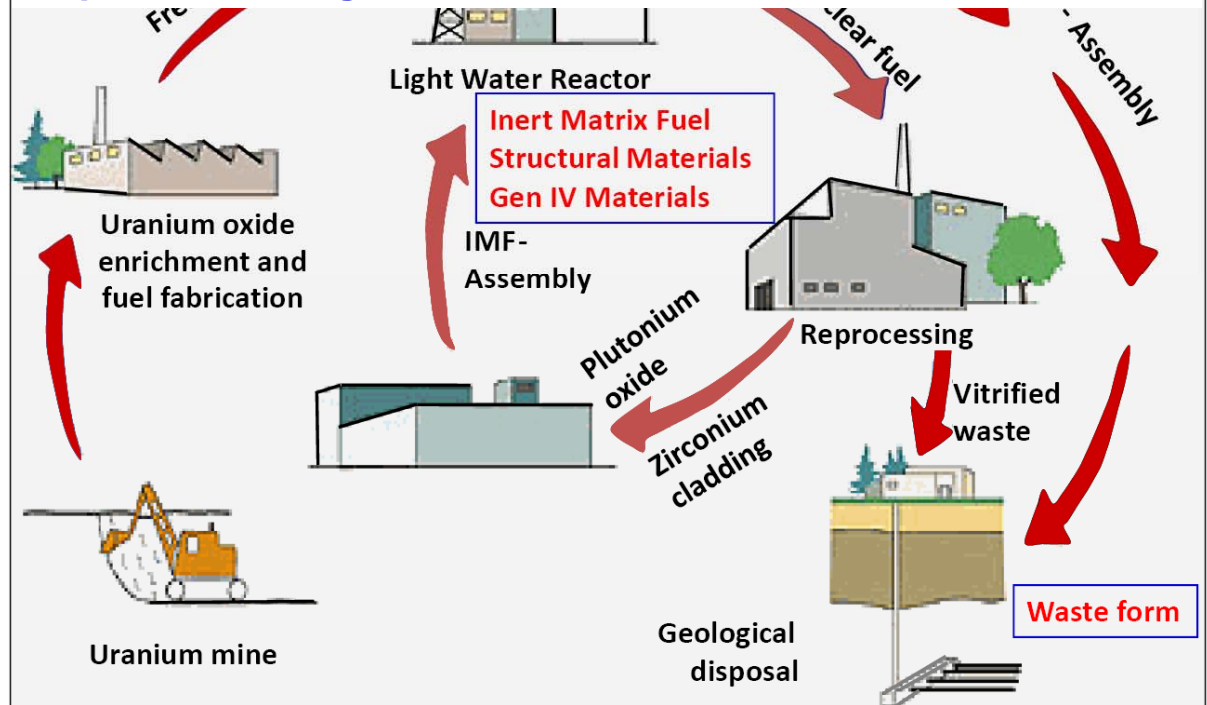


Materials Behavior Under Extreme Environments

Applications in Nuclear and Alternative Energy



DMR 0906349 “Collaborative Research: Atomistic Mechanisms of Stabilizing Oxide Nanoparticles in Oxide-dispersion Strengthened Structural Materials”



- Radiation effects and ion-matter interaction
- Nano-design strategy for enhancing performance
- Nanofabrication and materials design by non-equilibrium conditions
- Novel structural materials, fuels and waste forms for advanced nuclear systems

