

Topics Covered:

- Physics of Space Weather the journey of a solar particle
- •Magnetic energy a primordial flux
- •The quiet Sun interactions with planetary atmospheres
- •Magnetohydrodynamics the trajectory of a solar particle
- •Frozen-in flux the Solar Wind
- •Magnetized fluid dynamics the Sun's environment
- •The active Sun solar flares and coronal mass ejections
- •The effects of Space Weather societal impacts