**Introduction**

Temperature forests cover about 6% of the Earth's total land surface. Other than tropical forests, temperature forests experience all four seasons, including winter. For wildlife and plant life to survive, the temperature must range between -30̊ C to 30̊ C. Due to the effects of global warming, temperature forests stand the risk of substantial temperature increase above 30̊ C during summer, and substantial temperature decrease below -30̊ C during winter, which pose a threat to wildlife and plant life. To begin to address this issue, monitors have to be set up in these remote forests. These monitors will consist of temperature sensors which will be active only between summer and winter. Due to how vast a temperature forest is, a robot will be required in order to communicate with the gateway connected to the internet.