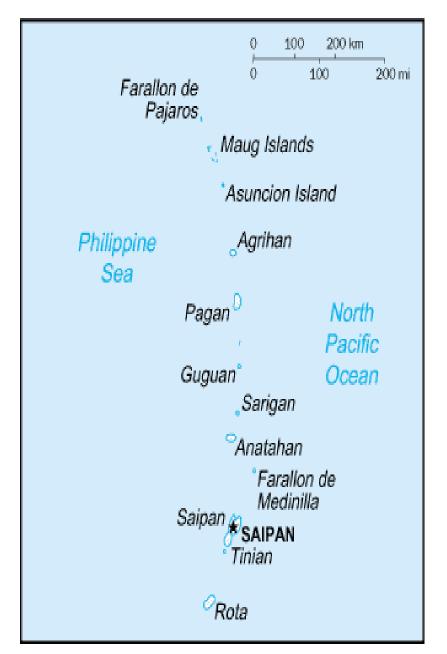
# Management Challenges in the Northern Islands

#### Fran Castro - DEQ

## The Islands

- The CNMI is comprised of 14 islands along the chain.
- Southern islands have mainly limestone bedrock associated with historical geological processes
- Northern islands are predominantly volcanic



#### **Management Challenges**

 Islands are inaccessible Unpermitted land activities Proposed resettlement -Schools -Villages Proposed mining activities

### **MARAMP** Cruise

#### NOAA Research Vessel – Oscar Elton Sette August 22 – September 21, 2003



#### **CNMI Contingent – DEQ, CRM, DFW**



#### **Data Collection**

 Data will be used as a foundation for the establishment of management plans

2:29 PM

-Increasing our knowledge of the NMI through marine monitoring increases our desire to protect what we find

-Research opportunities are Invaluable

## Anatahan – NW



### Anatahan - SE





## Alamagan







# Agrihan











# Maug







## Farallon de Pajaros or Uracas





