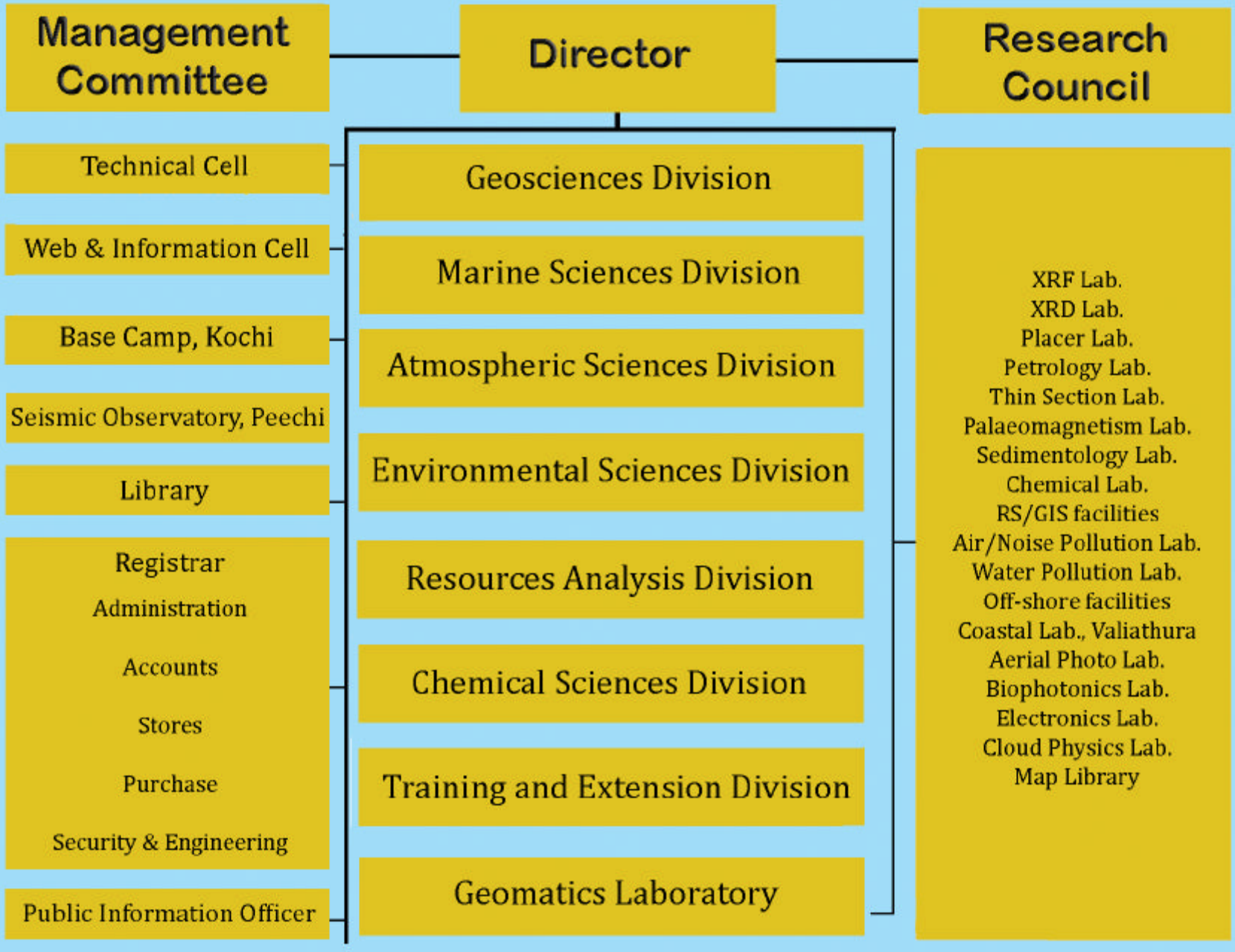Centre for Earth Science Studies