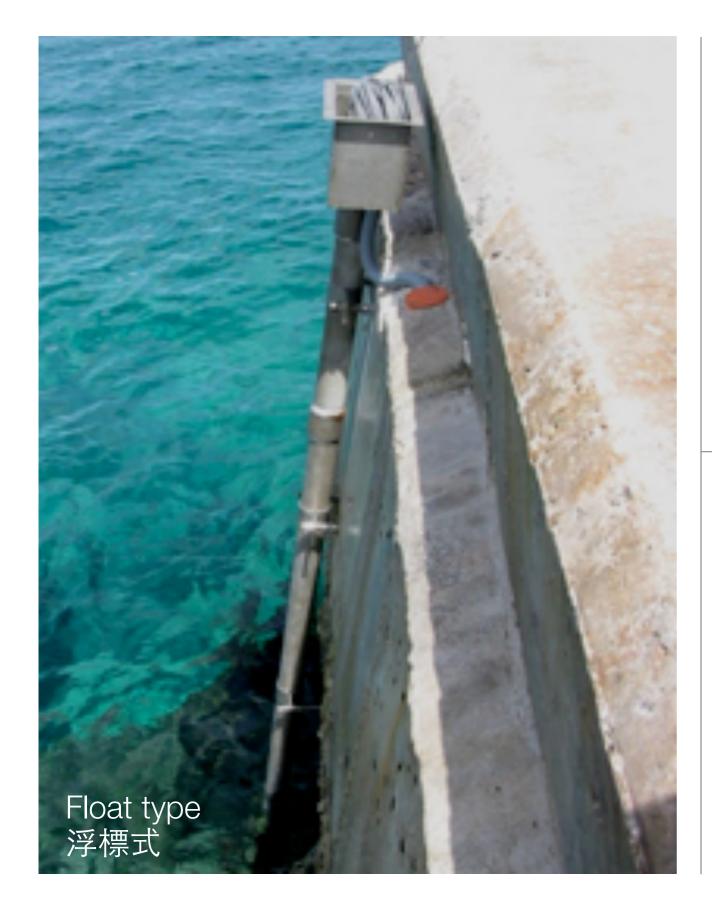


Workshop on "Scene Analysis" 「影像分析」工作坊

Dr. WONG Ka Yan [Ivy] 王嘉欣博士 Department of Computer Science, The University of Hong Kong 香港大學計算機科學系

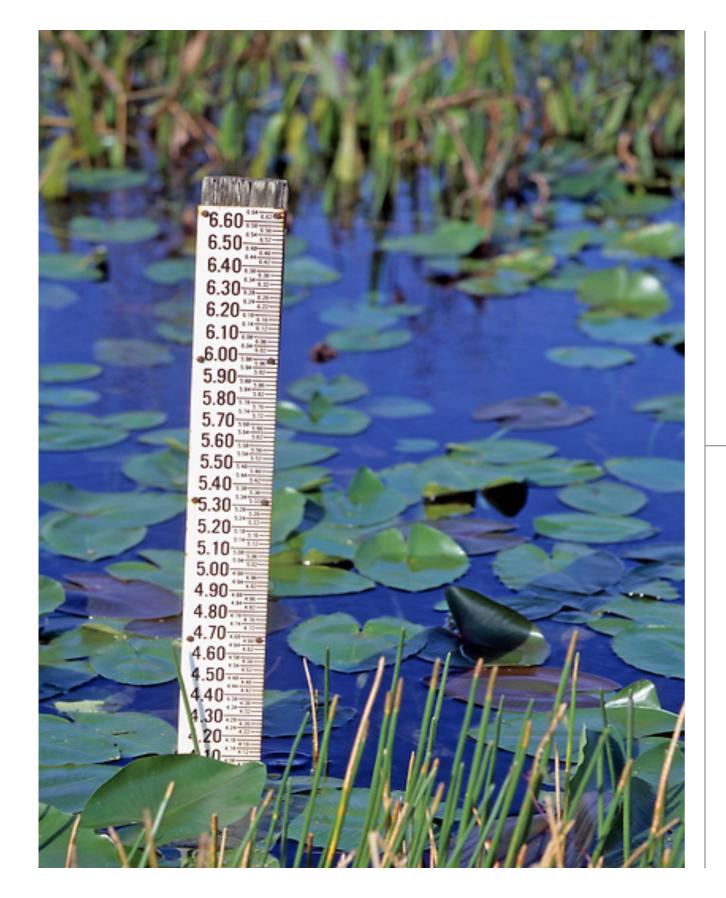






To measure sea level ...

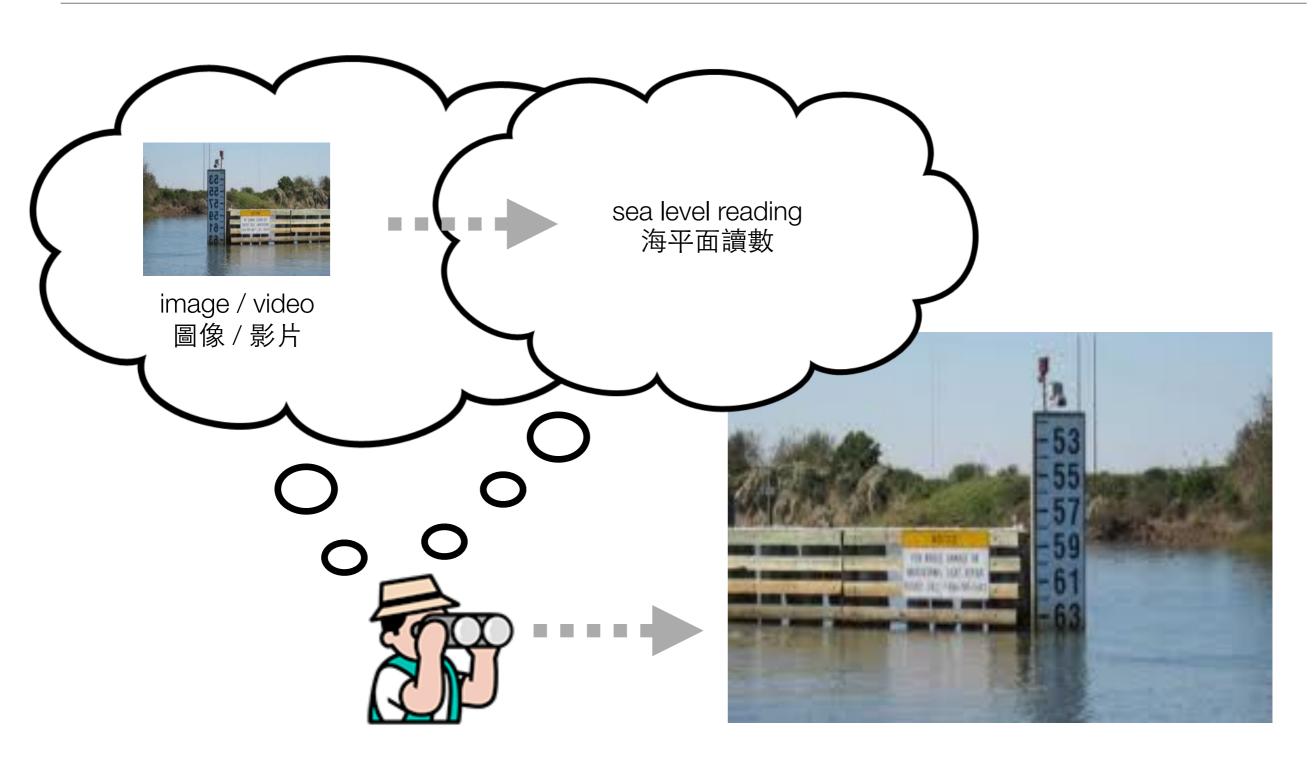
量度海平面...



Direct measurement 直接測量



Direct measurement 直接測量



Human vs. Computer 人 vs. 電腦



eye 眼



Interpretation by our brain 人腦分析影像





camera / video camera 相機/攝影機



Analysis by computer program 電腦程式分析影像

Image analysis by computer program (1) 電腦程式分析影像 (1)

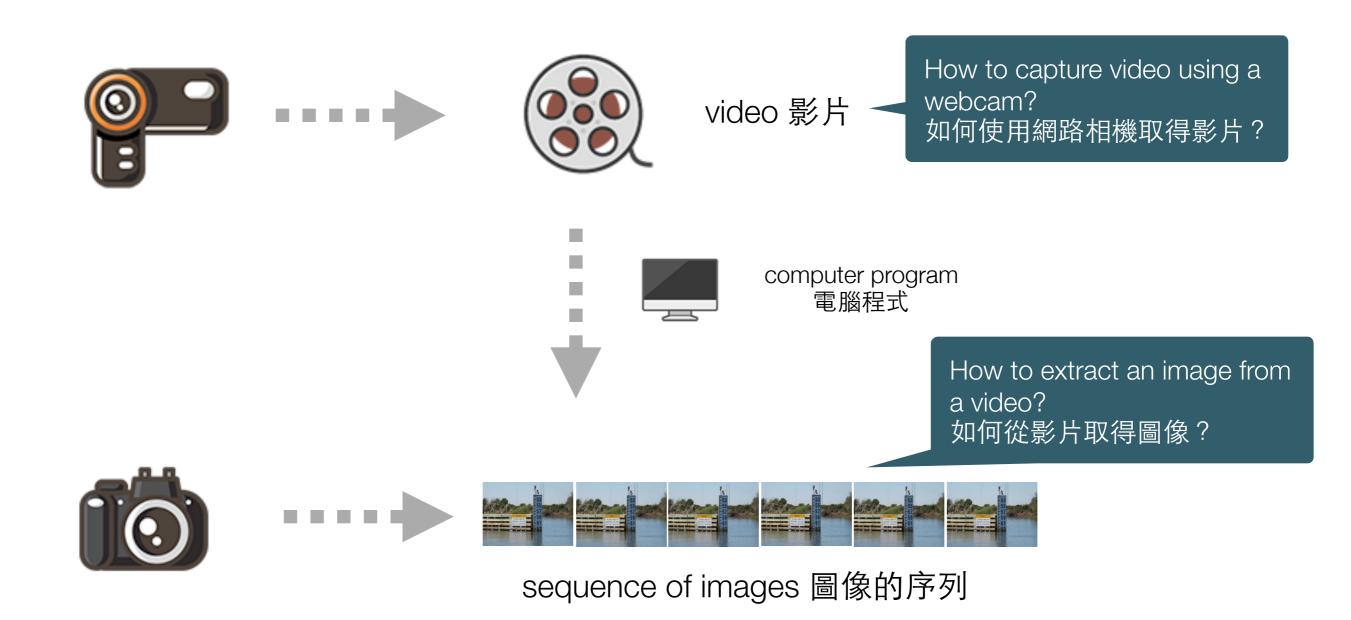


Image analysis by computer program (2) 電腦程式分析影像 (2)



image 圖像

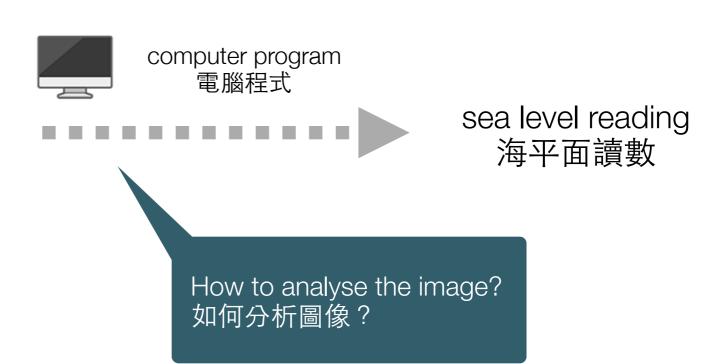


Image analysis by computer program (3) 電腦程式分析影像 (3)



Locate the surface of the sea from the image 在圖像中找出水面位置