

WORKSHOP ON
**REGIONAL COOPERATION ON FLOOD RISK
ADAPTATION**

**APPROACHES TO COOPERATION AND EXCHANGE
TO ENHANCE FLOOD MANAGEMENT
IN HO CHI MINH CITY**

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Following the **AIMs OF WORKSHOP**

What potentials do regional cooperation and the exchange of knowledge offer for flood risk reduction?

→ Hue, Mekong delta now HCM...

- Which approaches related to the regional cooperation and knowledge exchange are pursued by projects/ provinces?

→ Each regions have each suitable approaches for specific cases

- Which groups of stakeholders are addressed and why?

→ scientists, planners, decision makers, SME's, local inhabitants...

- What results have been achieved so far?

→ See next slides

Flooding in Ho Chi Minh city



Flood is one of most challenge issues in HCMC

Cáues for flooding:

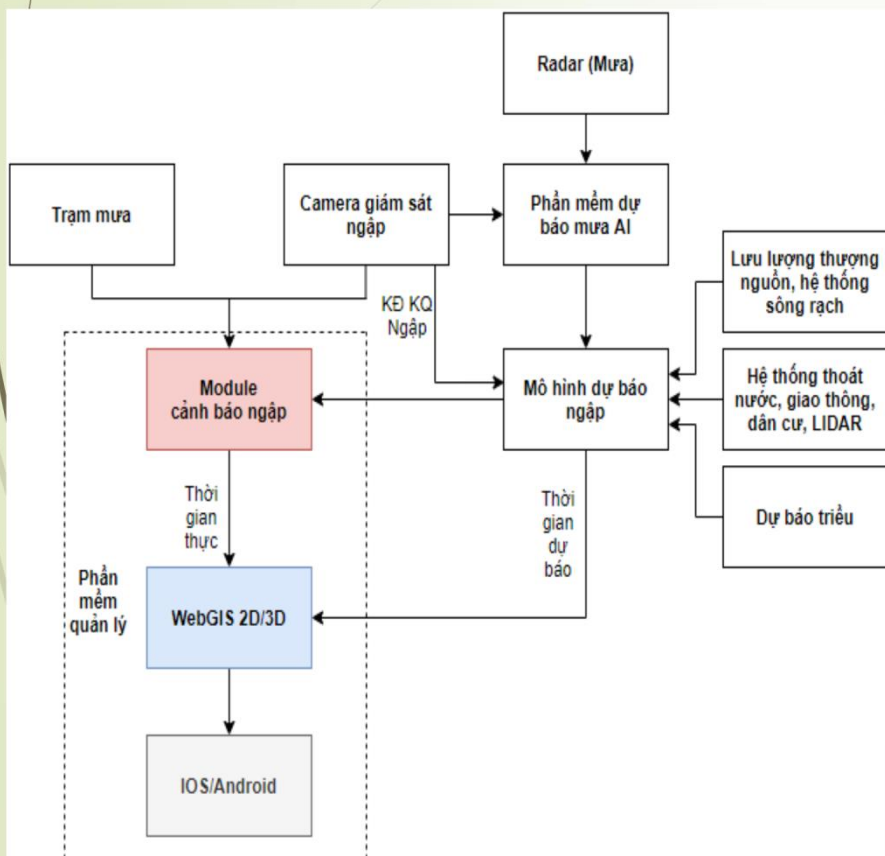
- Abnormal heavy rainfall
- High tide
- Elevation & subsidence
- Drainage infrastruture
- Other subjective causes: people's awareness



Experiences for Flooding adaptation in HCMC

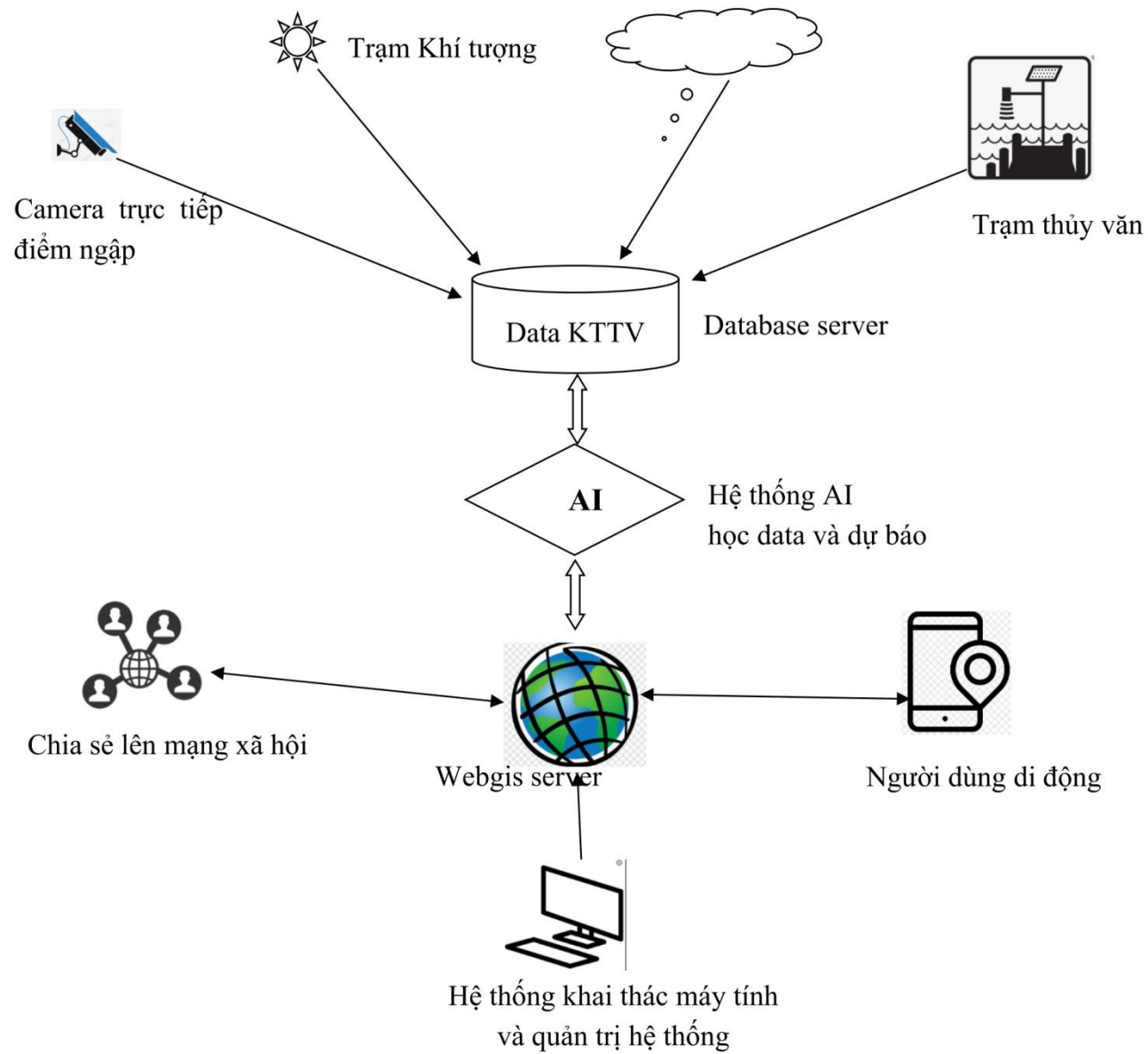
Dự án “**XÂY DỰNG MÔ HÌNH DỰ ÁN CẢNH BÁO VÀ QUẢN LÝ NGẬP CHO ĐÔ THỊ THÔNG MINH**”,

KHUNG QUẢN LÝ CƠ SỞ DỮ LIỆU



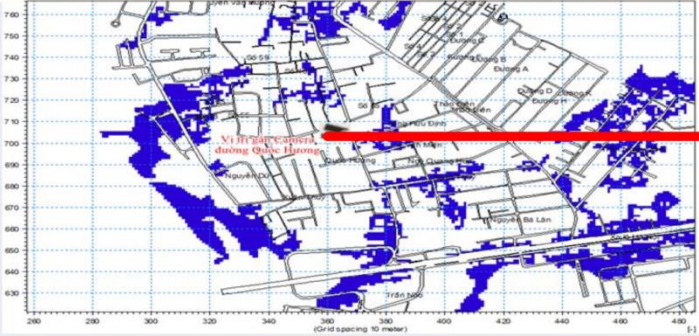

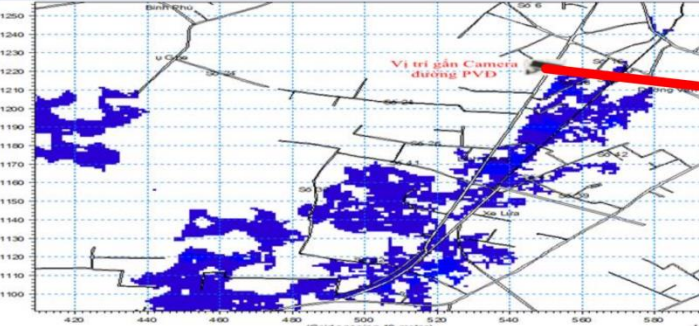

CẢNH BÁO NGẬP BẰNG CAMERA





Hình 2: Kiến trúc tổng quan hệ thống cảnh báo ngập thời thực ứng dụng trí tuệ nhân tạo (AI) và dữ liệu quan trắc đa điểm.

Comparison- model's results vs camera data

Vị trí (Đường)	Kết quả dự báo ngập	Kết quả từ Camera
Quốc Hương		
Phạm Văn Đồng		



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