

UNIT: NATURAL DISASTER.
SUBUNIT: PREVENTION NATURAL DISASTER

TEACHER: YESKENDIROVA ZH.ZH.

NEW WORDS

weather satellites -

emergency alert systems -

seismic surveillance networks -

flood levees & floodplains -

portable solar power-

Drones -

spectrometry kits & water filters -

weather radar -

heartbeat detector -

virtual 3D city models &

disaster-resistant structures -

метеорологические спутники системы

аварийного оповещения

сейсмические наблюдения сети

дамбы наводнений и поймы

портативные солнечной энергии

дроны

спектрометрические наборы и фильтры для воды

погодный радар

детектор сердцебиения

виртуальные 3D модели городов и устойчивые к

стихийным бедствиям структуры

Disaster-relief/prevention Technologies

weather satellites	check for & record activity in the Earth's crust	
emergency alert systems	for finding trapped people	
seismic surveillance networks	track weather pattern	
flood levees & floodplains	control flood water levels	
portable solar power	provides off-the-grid power	
drones	testing a city's ability to deal with disasters & safe buildings	
spectrometry kits & water filters	radar that detects precipitation	
weather radar	for testing water quality & removing dirt/pollutants	
heartbeat detector	warn people of events	
virtual 3D city models & disaster-resistant structures	remote-powered aircraft	

#	Speaking Criteria	Alem									
1	student presents 3 logical supporting arguments										
2	student uses at least 5 subject-specific words										
3	student uses at least 4 functional language units										
4	student applies subject-verb agreement correctly										
5	students debate / discuss for 4 minutes minimum										



HEARTBEAT DETECTOR



EMERGENCY ALERT SYSTEMS

EMERGENCY ALERT

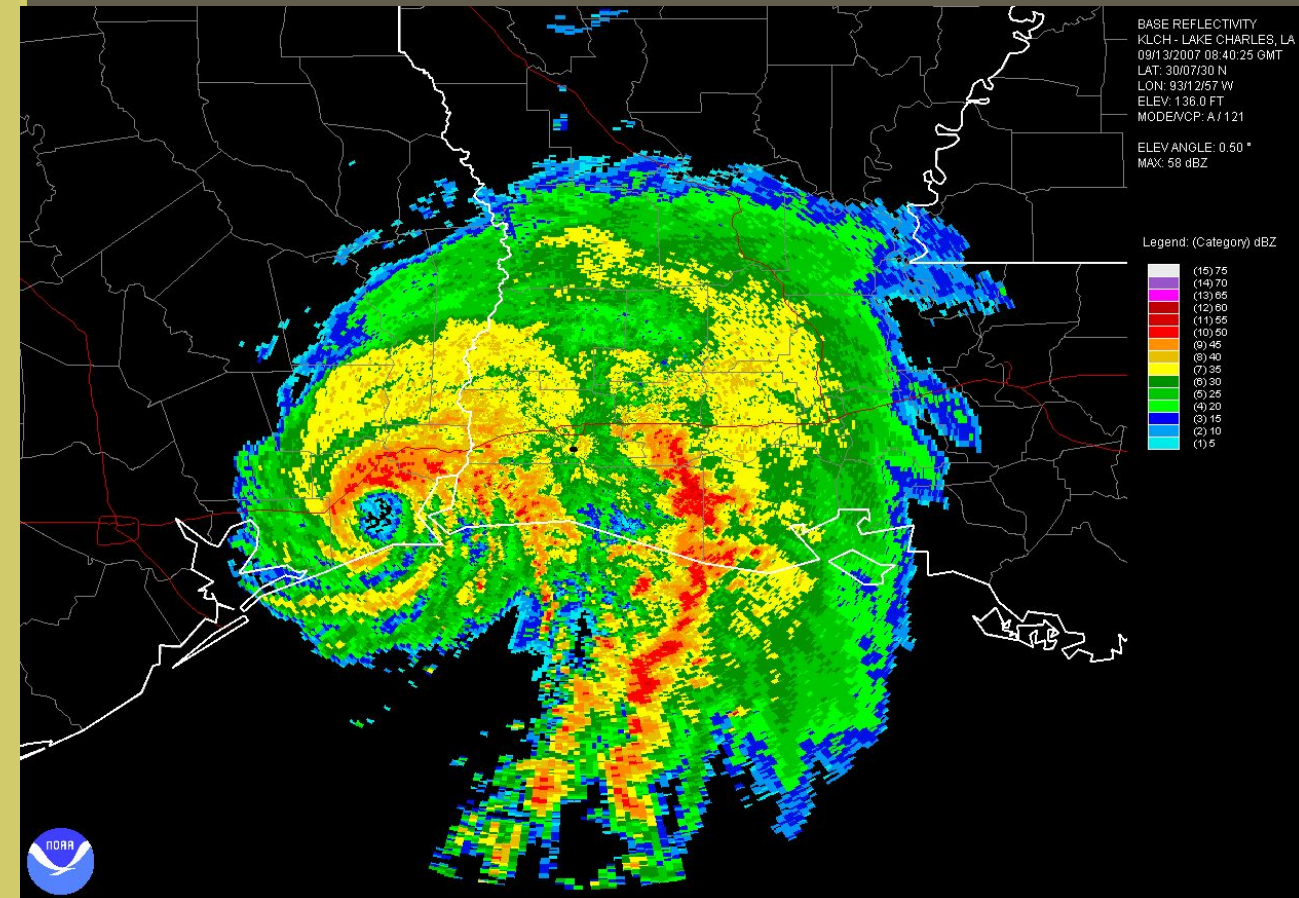
WEATHER WARNING FROM
THE NATIONAL WEATHER
SERVICE
- - - - OR - - - -
URGENT MESSAGE FROM
YOUR LOCAL CIVIL
AUTHORITIES

PLEASE LISTEN
AND FOLLOW INSTRUCTIONS

DRONE

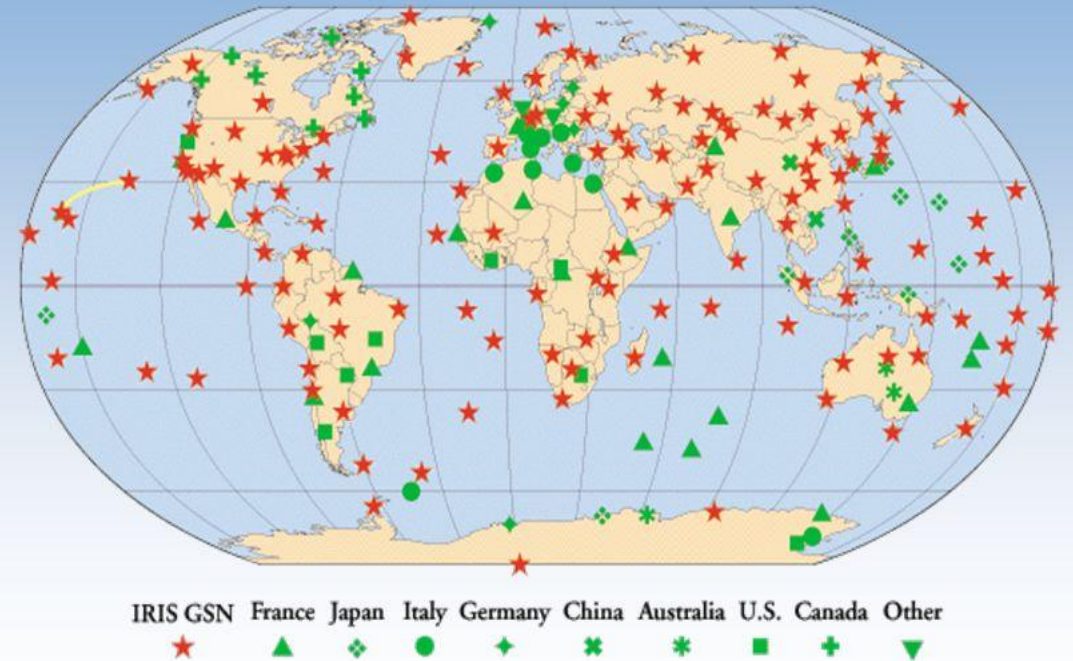


WEATHER RADAR



SEISMIC SURVEILLANCE NETWORKS

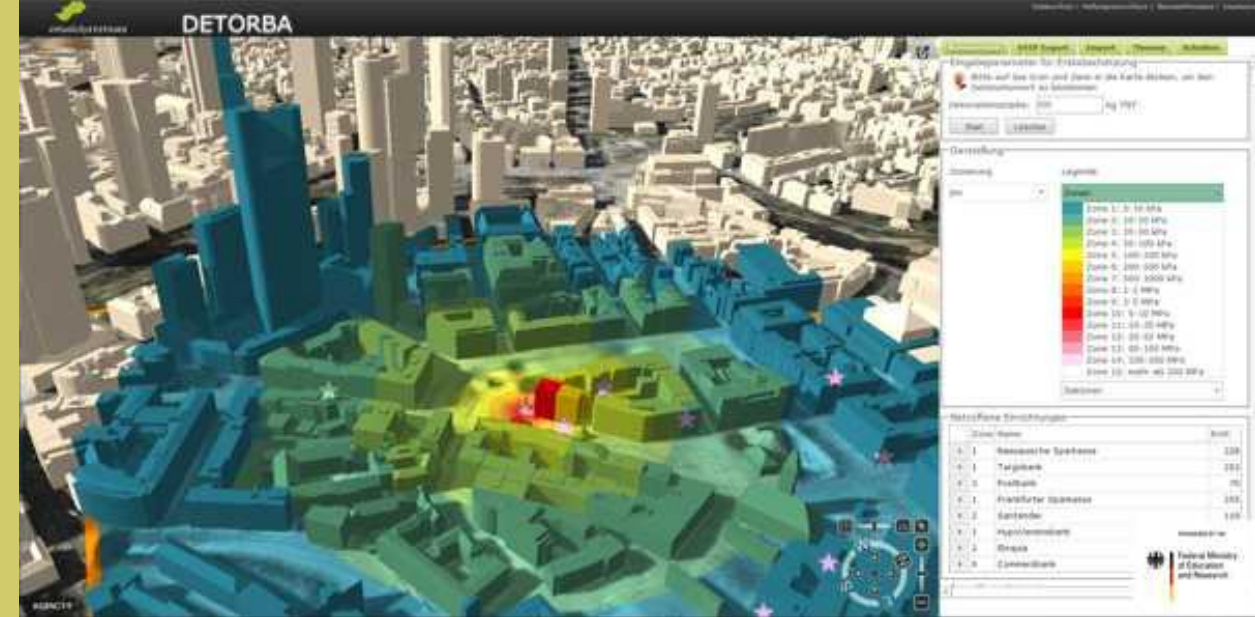
GSN & FEDERATION OF DIGITAL BROADBAND SEISMIC NETWORKS (FDSN)



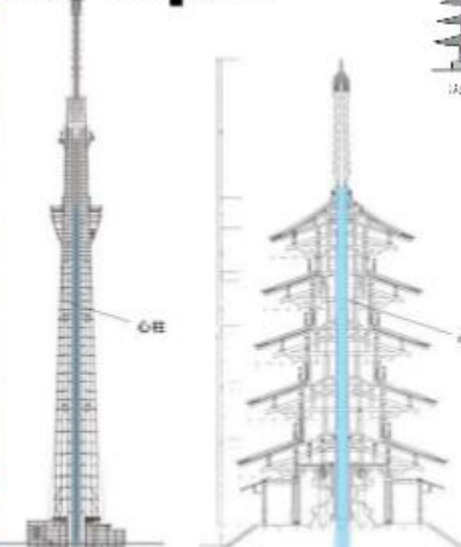
PORTABLE SOLAR POWER



VIRTUAL 3D CITY MODELS & DISASTER-RESISTANT STRUCTURES

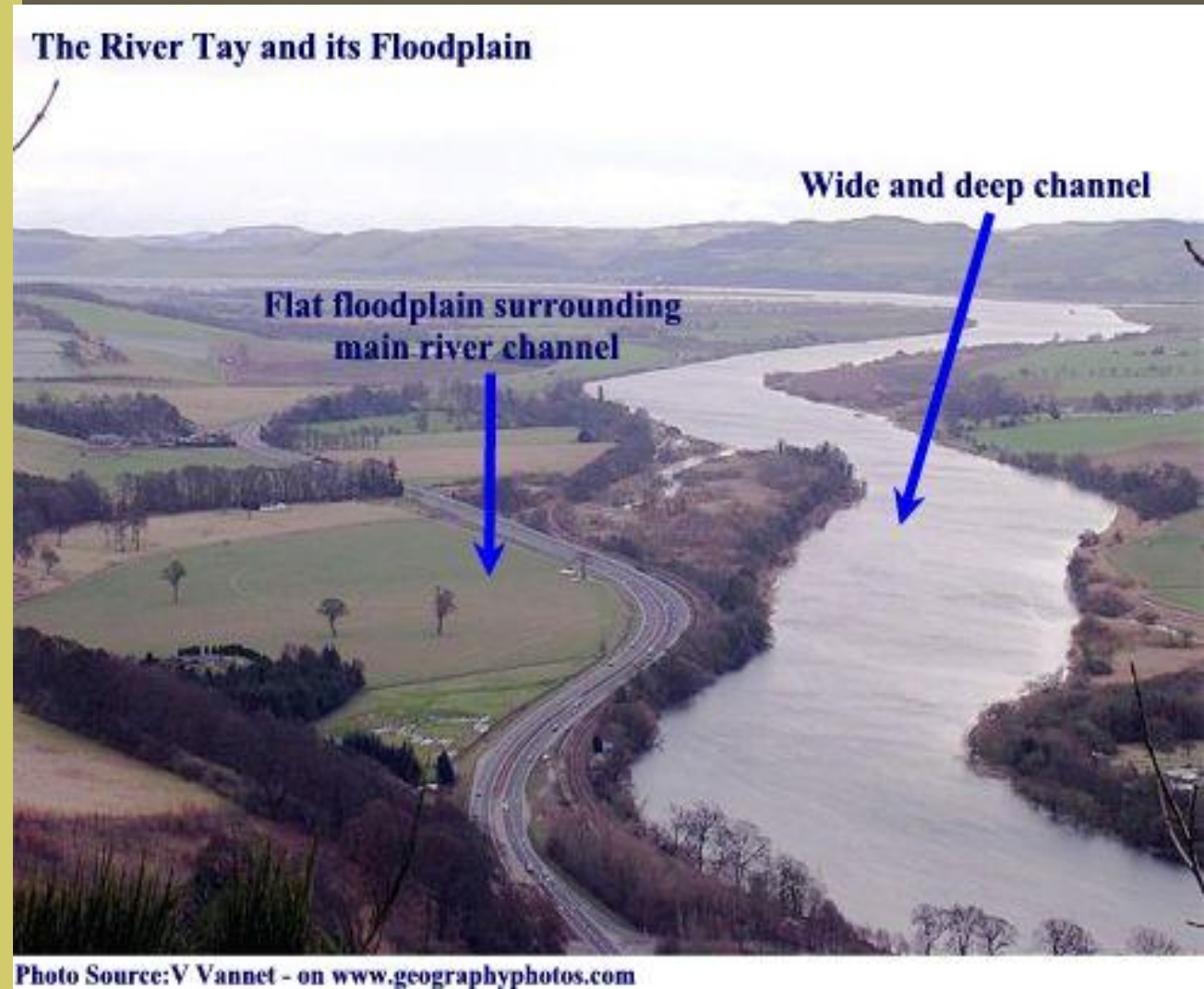


Tokyo Skytree, Japan



A reinforced concrete core runs through the heart of the structure core-wall construction to increase seismic performance at lower cost

FLOOD LEVEES & FLOODPLAINS



WEATHER SATELLITES



SPECTROMETRY KITS & WATER FILTERS

