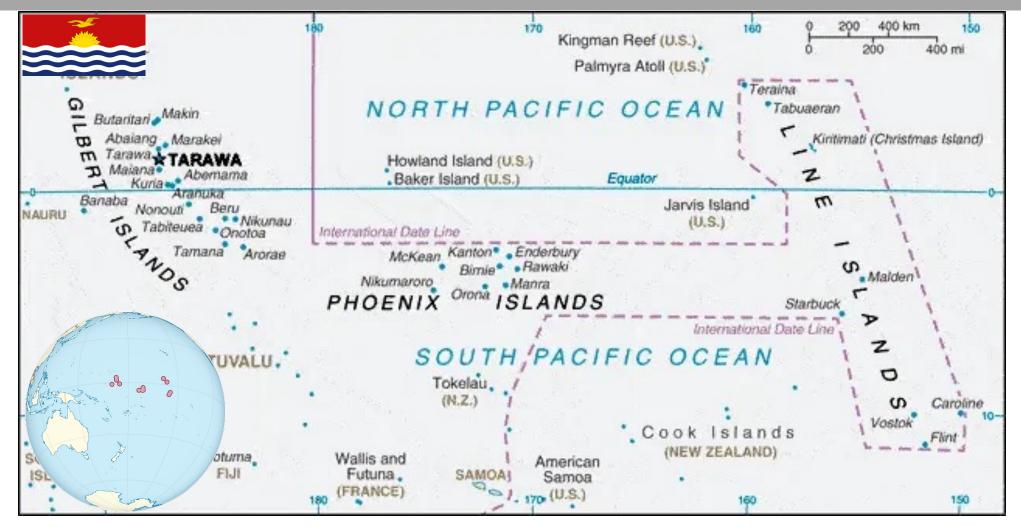


BACKGROUND:



HISTORY-Tsunami that affect Kiribati

Date						Tsunami Runup Location		
Year	Мо	Dy	Hr	Min	EQ Mag	Name	Distance fr Source	Max Water Hgt (m)
1899, PAPUA NEW GUINEA	1	15		5.0		GILERT ISLANDS	4032	
1952 - KAMCHATKA	7	13	11	58		CANTON ISLAND, PHOENIX ISLANDS	2713	0.4
1952 - KAMCHATKA	11	4	16	58	-	KANTON ISLAND, PHOENIX ISLANDS	6721	0.1
1957 - ALEUTIANS	3	9	14	22		CHRISTMAS ISLAND, LINE ISLANDS	5741	0.17
1957 - ALEUTIANS	3	9	14	22		KANTON ISLAND, PHOENIX ISLANDS	6030	0.12
1960 - CHILE, SOUTHERN	5	22	19	11		CHRISTMAS ISLAND, LINE ISLANDS	9629	0.23
1960 - CHILE, SOUTHERN	5	22	19	11		KANTON ISLAND, PHOENIX ISLANDS	10541	0.1
1963, KURILS	10	13	5	17		CHRISTMAS ISLAND, LINE ISLANDS	7007	0.1
1964 - ALASKA	3	28	3	36		CHRISTMAS ISLAND, LINE ISLANDS	6619	0.05
1964 - ALASKA	3	28	3	36	9.2	KANTON ISLAND, PHOENIX ISLANDS	7396	0.03
1966 - CHILE, NORTHERN	12	28	8	18	7.8	CHRISTMAS ISLAND, LINE ISLANDS	9782	0.03
2013 - SANTA CRUZ, SOLOMONS	12	31	18	23	7.8	CHRISTMAS ISLAND, LINE ISLANDS	4276	
2001 - PERU	6	23	20	33	8.4	CHRISTMAS ISLAND, LINE ISLANDS	9414	0.03
2003 ALEUTIANS, RAT ISLANS	11	17	6	43	7.8	CHRISTMAS ISLAND, LINE ISLANDS	5907	0.04
2006 - KURILS	11	15	11	14	8.3	BETIO, TARAWA	5381	0.04
2006 - KURILS	11	15	11	14	8.3	KANTON ISLAND, PHOENIX ISLANDS	6477	0.02
2009 - INDONESIA , PAPUA	1	3	19	43	7.6	BETIO, TARAWA	4458	0.02
2009 - SAMOA	9	29	17	48	8.1	CHRISTMAS ISLAND, LINE ISLANDS	2523	0.17
2011 - JAPAN	3	11	5	46	9.1	BETIO, TARAWA	5154	0.27
2011 - JAPAN	3	11	5	46	9.1	CHRISTMAS ISLAND, LINE ISLANDS	7306	0.53
2011 - JAPAN	3	11	5	46	9.1	KANTON ISLAND, PHOENIX ISLANDS	6563	0.16
2012, CANADA, HAIDA GWAI	10	28	3	4	7.7	CHRISTMAS ISLAND, LINE ISLANDS	6117	0.03
2013 - SANTA CRUZ, SOLOMONS	2	6	1	12	7.9	BETIO, TARAWA	1603	0.12
2013 - SANTA CRUZ, SOLOMONS	2	6	1	12	7.9	CHRISTMAS ISLAND, LINE ISLANDS	4376	0.04
2015 - CHILE, CENTRAL	9	16	22	54		CHRISTMAS ISLAND, LINE ISLANDS	9728	0.09

Source: NOAA/NCEI - International Tsunami Information Center (2018)

Warning Criteria for local events

CRITERIAS FOR TSUNAMI WARNING

Criteria	Type of Advisory/Alert/Warning	EMERGENCY RESPONSE ACTIONS PUBLIC
locals feel uncommon or unusual tremor/vibration/shaking	Marning	should immediately move in- land as fast as they could
		Locals are also expected to abide to warnings as stated in the Plan
		Report to Island Council or Police or NDMO and KMS to verify the information

	EMERGENCY RESPONSE ACTION						
Criteria	Type of Advisory/Alert/	GSD	KMS	NDMO	PUBLIC		
	Warning						
Kiribati on the warning list -the expected wave height <0.3M	INFORMATION	Run model in advance for <0.3M height tsunami under different scenario conditions	Activate and disseminate TSUNAMI INFORMATI ON FORM to NDMO	Disseminate information received from KMS to relevant authorities and public	Stay tuned to radio and check updates on OB facebook		
		ldentify potential risk areas					
		Re-Run model when needed					
		Update potential risk areas					

WARNING CRITERIA FOR REGIONAL OR DISTANCE SOURCE EVENTS

CRITERIA 2

Expected wave height 0.3M ≤H< 1M or greater with expected arrival time of 3hr≤T<6hr	Watch	Run model in advance for 0.3M ≤H< 1M height under different tsunamic scenario conditions	Activate and disseminate TSUNAMI WATCH FORM to NDMO	Disseminate information received from KMS to relevant authorities and public	Prepare to evacuate Marine Coastal or Tsunami threat area
		Identify potential risks areas			Report damages observed, casualties
		Re-run model when needed			

CRITERIA 3

Expected wave height 0.3M ≤H< 1M or greater wit h expected arrival time of <3hrs	A Warning	As above	Activate and disseminate TSUNAMI WARNING FORM to NDMO	Evacuate Marine Coastal or Tsunami threat area
				 Report damages observed, casualties

TSUNAMI WARNINGS CANCELLATION CRITERIA

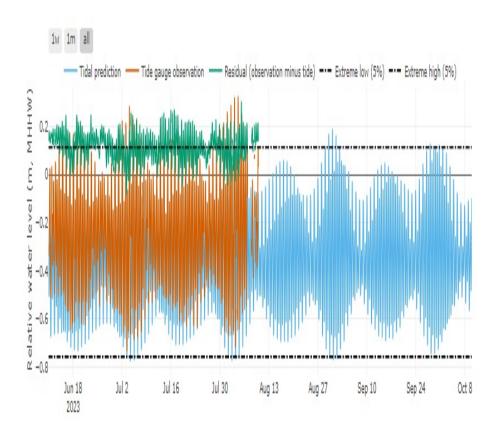
ALERT/WARNING: WATCH

CANCELLATION CRITERIA: Cancel when the expected wave height has been verified by sea level monitoring equipment to be below 0.3M within the watch period ($3hr \leq T < 6hr$) or cancel outright and advice of possible strong currents remaining.

ALERT/WARNING: WARNING

CANCELLATION CRITERIA: Cancel when the expected wave height has been verified through sea level monitoring equipment to be below **0.3M** within the warning period (3hr<T) or cancel outright and advice of possible strong currents remaining.

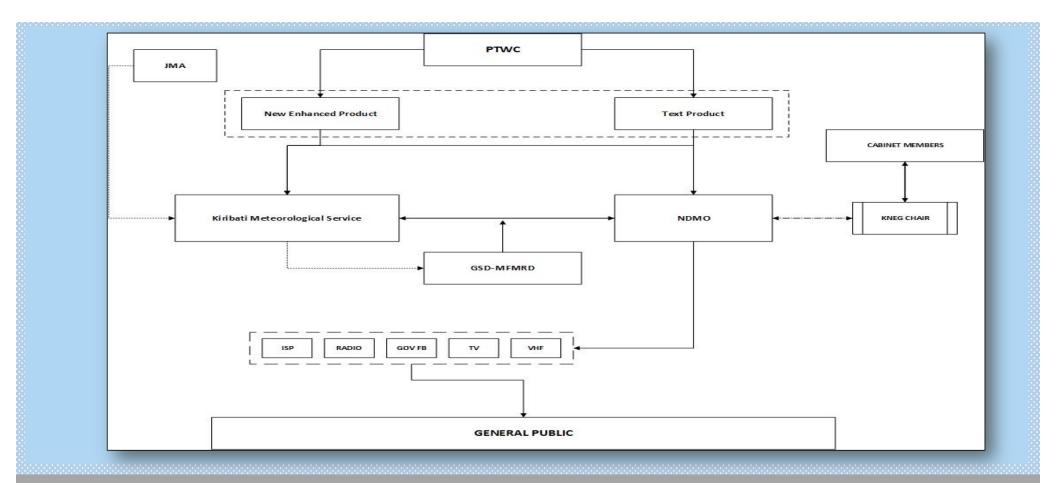
TOOLS





20XX

PITCH DECK



FLOWCHART | Communication Flowchart

CHALLENGES:

- No proper evacuation center
- Lack of observation data
- Lack of capacity and skills

