



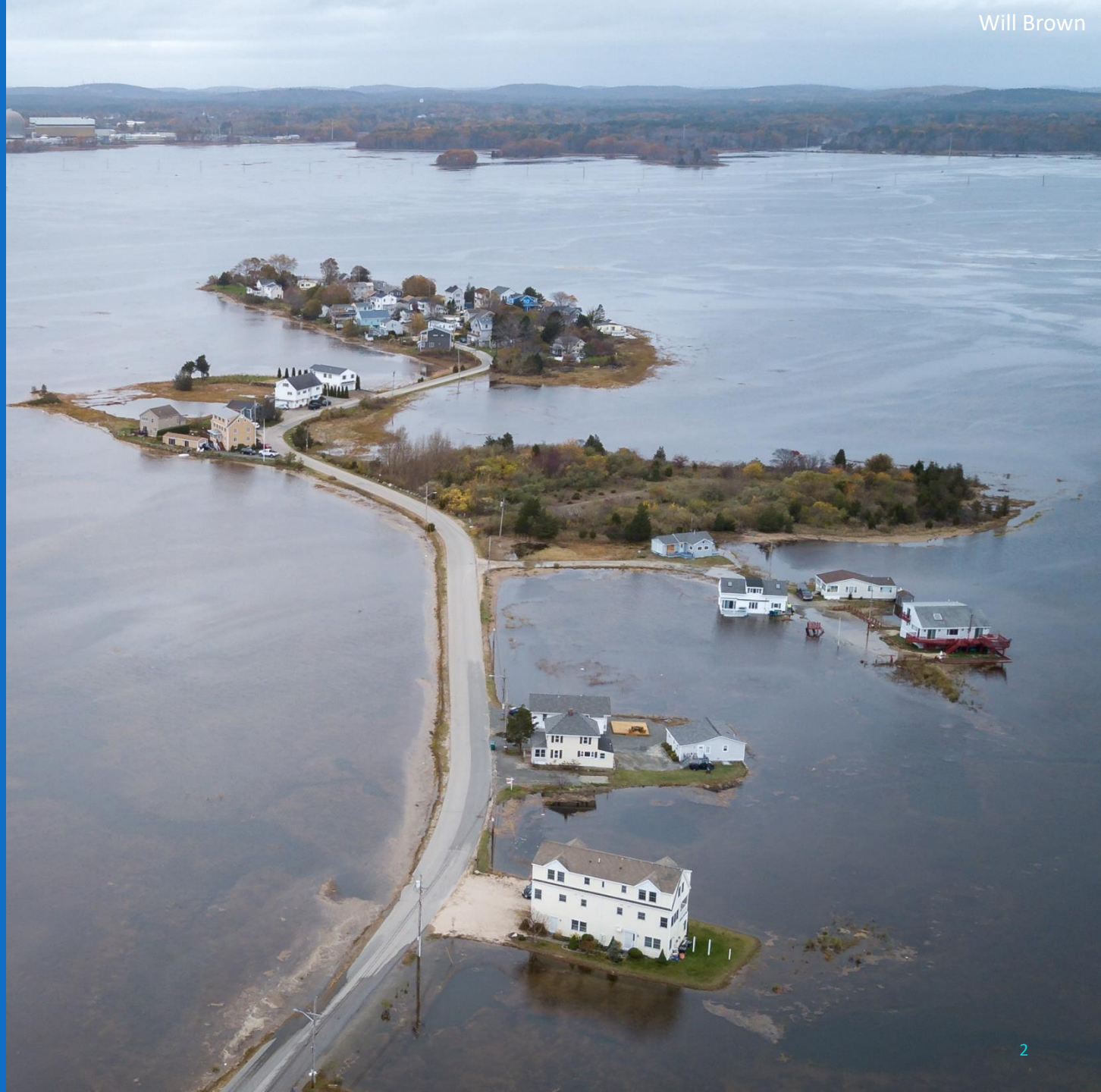
2019-2020

NH COASTAL FLOOD RISK SUMMARY

PART I: SCIENCE & PART II: GUIDANCE FOR USING SCIENTIFIC PROJECTIONS

PART I: SCIENCE

- ↑ SEA-LEVEL RISE
- ↑ COASTAL STORMS
- ↑ GROUNDWATER RISE
- ↑ PRECIPITATION
- ↑ FRESHWATER FLOODING



PART II: GUIDANCE FOR USING SCIENTIFIC PROJECTIONS

GUIDING PRINCIPLES

STEP-BY-STEP APPROACH





TOLERANCE FOR FLOOD RISK

Willingness to accept higher or lower probability of flood impacts based on:

- Project value or replacement cost
- Capacity to adapt
- Importance for public function/safety
- Sensitivity to flooding





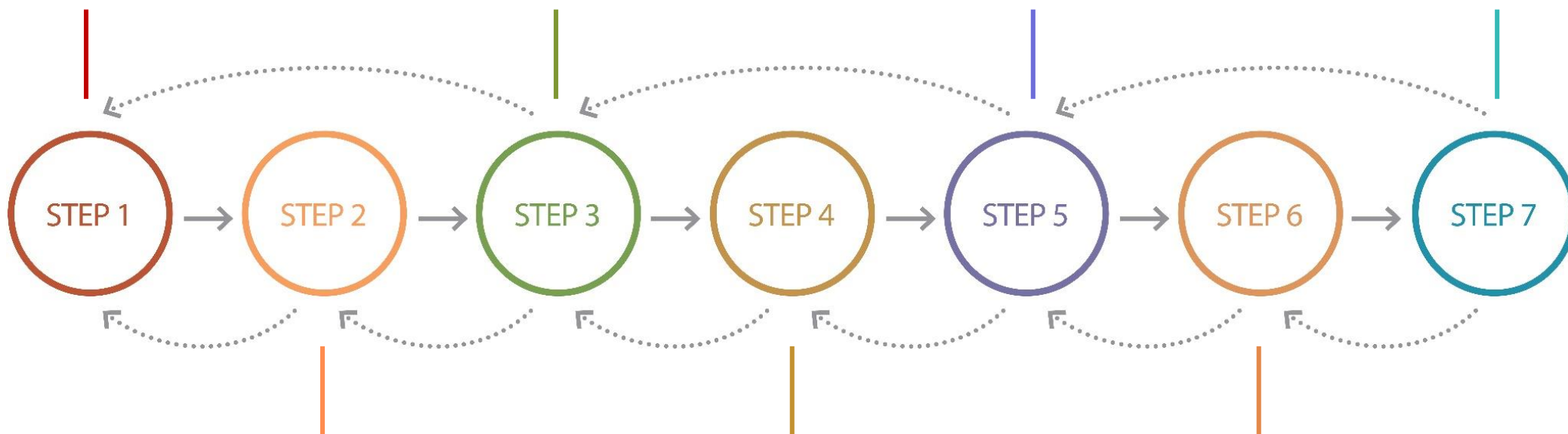
STEP-BY-STEP APPROACH

**DEFINE PROJECT GOAL,
TYPE, LOCATION,
& TIMEFRAME(S)**

**SELECT & ASSESS
RELATIVE SEA-
LEVEL RISE (RSLR)**

**IDENTIFY & ASSESS
RSLR-INDUCED
GROUNDWATER RISE**

**ASSESS CUMULATIVE
RISK & EVALUATE
ADAPTATION OPTIONS**



**DETERMINE
TOLERANCE FOR
FLOOD RISK**

**IDENTIFY & ASSESS
RSLR-ADJUSTED
COASTAL STORMS**

**IDENTIFY & ASSESS
PROJECTED EXTREME
PRECIPITATION**



PART I: SCIENCE

WWW.TINYURL/CFRSCIENCE

PART II: GUIDANCE FOR USING SCIENTIFIC PROJECTIONS

WWW.TINYURL/CFRGUIDANCE



THANK YOU



Nathalie DiGeronimo (Morison)



603.559.0029



nathalie.m.digeronimo@des.nh.gov