

**Sea Level Rise Subcommittee Meeting**  
**Subcommittee of Town of Kiawah Island Environmental Committee**  
**Town Meeting Hall**  
**June 4, 2018**

**Minutes**

**Persons attending meeting**

John Leffler, Subcommittee Chairman		Diana Mezzanotte, Town Council Member	
Bob Cheney	Jim Chitwood	Will Connor (KICA)	Jane Ellis
Matt Hill (KICA)	Jim Jordan (TOKIO)	Jack Kotz	David Pumphrey
Lyn Schroeder	Jim Sullivan		

**Google Drive**

Mr. Leffler asked committee members to use the google drive as “read only” documents. Each edit or change creates a new document on the Google drive and the practice creates an unmanageable mess. Mr. Leffler asked committee members email all edits, drafts and other changes to him instead of making changes on the Google drive documents. Mr. Jordan changed the editing privileges on the drive; only Mr. Leffler can edit.

Appendix G on the google drive is a place to “hold” data so we don’t lose track of information.

**Report Sections**

A group reviewed TOKI ordinances and the ARB regulations with an eye to making changes to adapt to SLR. The group sent letters to the ARB and Mr. Spicher with questions. Mr. Spicher has responded. Sara Senst at the ARB needed a little time to formulate her response. This effort may generate a new section for the SLR report.

Mr. Leffler noted that the Landscaping and Stormwater sections are good models as they use the report format that the Committee has adopted.

Currently the introduction and chapters on SLR basics, stormwater, transportation, landscaping, beach and residences are completed in draft form. A note on datums will be addressed early in the report. The appendix and definitions sections are started and expected to expand as the report progresses.

Currently many references are incorporated within the sections to which they pertain; references will be pulled out and incorporated into a single area to reduce repetition and improve the flow of the text.

References will include information on how to find the C of C maps, the NOAA maps and various inundation maps. A recommended reading section, for materials not cited in the report, will be added.

Mr. Kotz has prepared an informative document on beach management and will revise it to the standard section format.

Mr. Pumphrey volunteered to write the electric utility section.

Mr. Connor volunteered to write the Research and Monitoring Section. This section should address topics like monitoring shoreline erosion, groundwater levels, and work with consultants or the Conservancy to monitor these areas. It should also address topics where we need more information before decisions can be made. It will identify projects TOKI, KICA, KIGR and the Conservancy can work on as a group.

Sections on coordination, regulations, education, emergency management, salt water marsh, water and waste water, and maritime forest are all in “notes” form.

Discussion about the Coordination section concluded this section should cover how the groups could work together. Subcommittee members suggested staff committees from each organization could meet and discuss projects, as well as various monitoring and trigger points. Mr. Chitwood noted maintaining contact with the City of Charleston is an important means to keep track of new developments.

Once each section is written it will be appropriate to review all the sections and recommendations to make sure there is not too much overlap. It may also be valuable to assign recommendations to particular groups. (e.g. Parkway before the gate is TOKI’s responsibility.)

### **Lucas Hernandez/Levine- C of C Mapping**

Mr. Leffler conversed with Lucas Hernandez who is working on a 1-meter DEM designed to show the percentage of roadways under certain elevations. This map will enable us to determine how much of the road system might be underwater at a particular water level.

Ms. Mezzanotte noted that the Public Works Committee can work with Lucas to determine if TOKI should consider raising portions of the Parkway. TOKI is targeting work on the Parkway to begin sometime this year; probably in the fall after the main tourist season.

### **Report Audience and Distribution**

The target audience of the report is all decision makers including TOKI, KIGR, KICA and KP. It's likely that many residents will be interested in the report and potentially the various references highlighted within the report.

A discussion about the style, tone and format of the report ensued. Some suggestions included use of pictures with explanatory captions, and the use of charts and graphs. There was a general consensus that charts, graphs and pictures should be included only when they enhance the text of the report.

The subcommittee anticipates the documents on the Google drive will remain as a resource to the community after the report is issued.

There was further discussion on potential versions of the report. It was suggested that there could be short brochures highlighting some topics in addition to the longer, more detailed report. Mr. Pumphrey suggested we create the main report then wait for TOKI to provide direction about any other formats they might like to see.

### **Report Timeline**

Mr. Leffler noted that in June each section of the report needs to be completed in draft form. By mid-July the committee should be conducting internal revision and review. Near the end of July the report will be sent out for outside expert review. In August, the final reviews should be concluded with a target for September publication.

Meeting was adjourned.