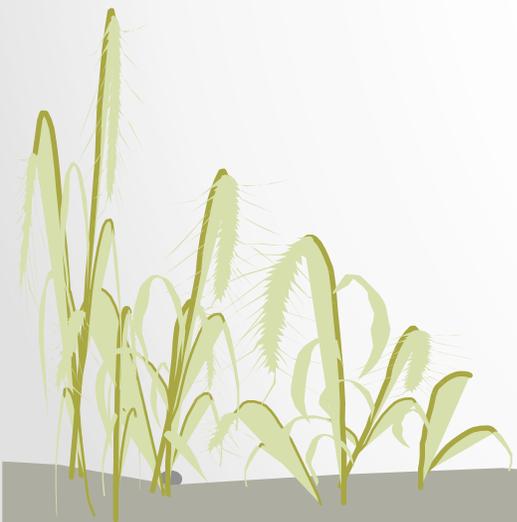


AN ANNOTATED BIBLIOGRAPHY OF LIVING SHORELINE STUDIES PERTINANT TO SHORELINE RESTORATION IN THE SOUTH ATLANTIC REGION

Compiled by Kathryn Zic

Presented by Cheryl Mannel





South Atlantic Living Shorelines

An Annotated Bibliography

AN ANNOTATED BIBLIOGRAPHY OF LIVING SHORELINE STUDIES PERTINANT TO SHORELINE RESTORATION IN THE SOUTH ATLANTIC REGION

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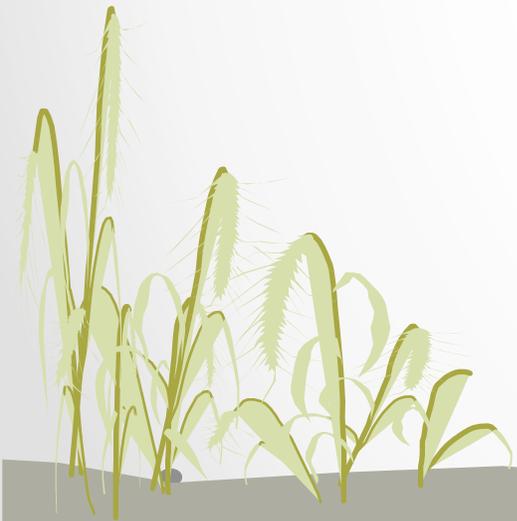
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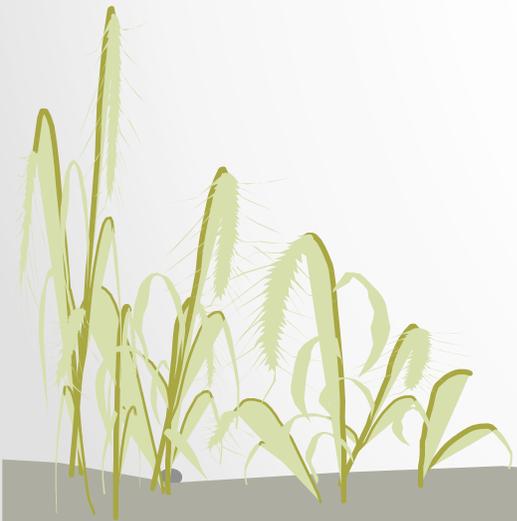
Purpose

Create a document that serves as a reference for individuals seeking a comprehensive bank of research pertaining to living shorelines.



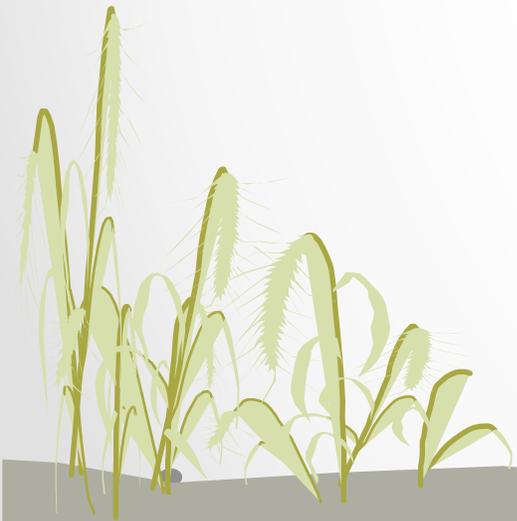
Physical Effects

- Sediment Accretion
- Wave Height
- Current Velocity



Biological Effects

- Vegetation Diversity
- Vegetation Biomass
- Oyster Recruitment



Shoreline Protection Methods

Bio-engineered Methods

- Aquatic and Marsh Vegetation
- Oyster Reef
- Mangroves
- Fiber Logs
- Fiber Matting

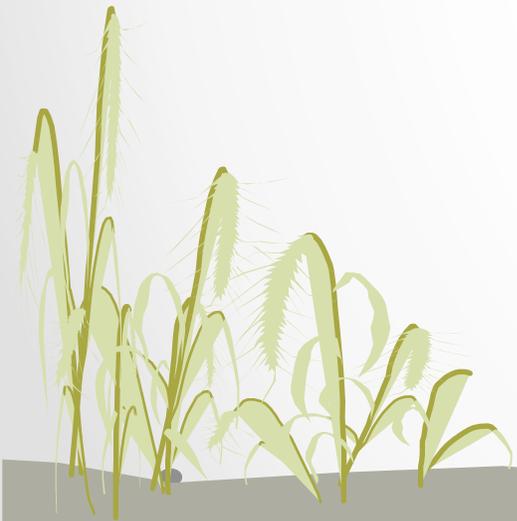
Armored Shoreline Methods

- Bulkheads
- Seawalls
- Jetties



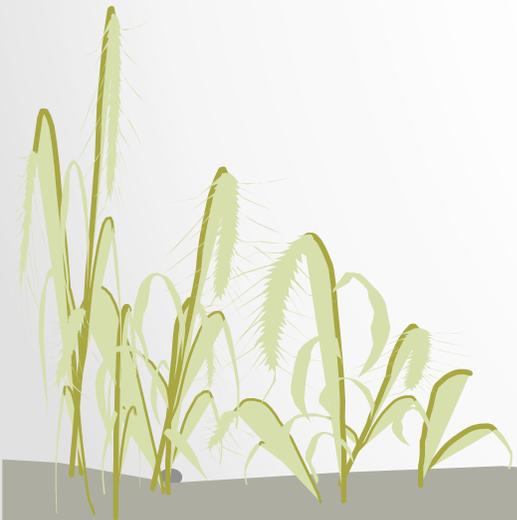
Planning, Design, Monitoring

- Monitoring Manuals
- Management Plans
- Regional Plans
- Protection Plans



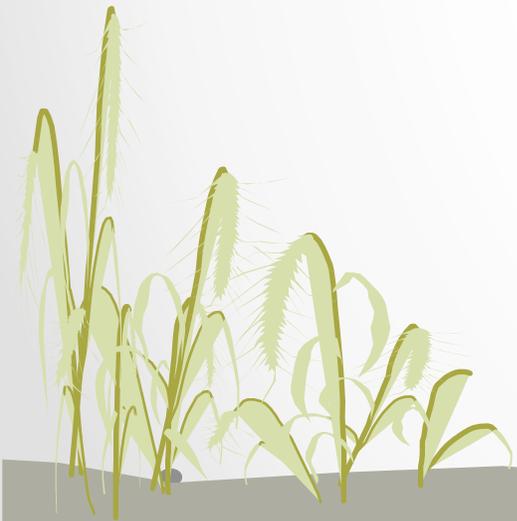
Social Science

- Human dimensions research
- Economics
- Legal
- Policy
- Regulation
- Permitting
- Setbacks and buffers
- Limitations and challenges
- Non market valuation



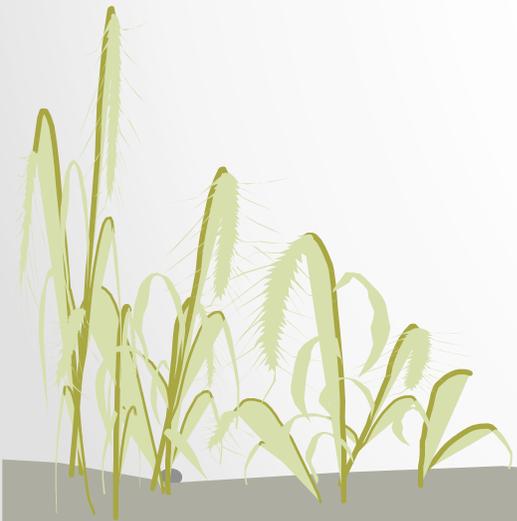
Resources

- User Guides and Manuals
- Databases
- Digital Resources
- Miscellaneous



Conclusions

- Summary of trends within each category
- Identification of data gaps
- Next steps



Thank You



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