NICA
20th ANNIVERSARY
CATCHMENT EXCURSION
No. 2
River Mouth and Noosa Spit
history, restoration
and recreation
MEET AT
2.30pm Saturday 2nd April 2016
LAGUNA LOOKOUT
top end of Viewland Drive
NOOSA HEADS
BYO AFTERNOON TEA
AND CHAIR
For more information phone Stephanie 5449.8118
What is a catchment?

A catchment is the land area from which rainwater drains to a river. Some water remains underground, slowly feeding the river between rainfall events.
References:
The Noosa Story by Nancy Cato
The Shaping of Noosa by Michael Glover
Hastings Street by Emma Freeman
Noosa’s Native Plants Ed. 3 by Stephanie Haslam
www.noosanativeplants.com.au
www.noosariver.com.au

Historical ecology of the Noosa Estuary fisheries
Dr. Ruth H. Thurstan

Noosa River Spit Erosion options review
International Coastal Management Pty. Ltd.

Noosa River realignment and erosion of The Spit
R. J. Tooth

Main Beach erosion and sand recycling
R. J. Tooth

Material supplied by Noosa Council
Flower Now

Banksia oblongifolia

Dwarf Banksia

Plants of the Sunshine Coast, Cooloola and Fraser Island.

For more information about this plant, go to Find a Plant and enter its name.

Noosa’s Native Plants Edition 3
by Stephanie Haslam

Published by Noosa Integrated Catchment Association Inc

Soft cover, 391 pages. All proceeds from the sale of this book support NICA education projects.

Photo Tony Haslam-
The rock wall in 1972-73 after it was extended the entire length of the beach (Source unknown).

Protect Spit: Group

NOOSA Parks Association has formulated a suggested recreational plan for the controversial Noosa spit area.

Mr. Alan George, chairman of the association, and landscape architect Glen Glover, and association secretary Dr. Arthur Harold, said the concept plan, which would preserve the spit, was supported by the public.

The plan includes the creation of a new northern beach, an extension of the existing swamp along the northern shore, and the establishment of a new southern beach.

The association suggested that the plan, if adopted, could offer a greater degree of protection for the spit, which is under threat from coastal erosion and the encroachment of urban development.

The plan for presentation to the Council proposes the establishment of a recreational area along the southern headland, with facilities such as a large beach and picnic area, and a network of walking trails and bicycle tracks.

The association believes that the plan, if implemented, would provide a significant contribution to the protection of the spit and its unique natural habitat.

NOOSA Spit

NOOSA PARKS ASSOCIATION

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Dynamic nature of the Noosa River Mouth

- Historic Analysis of the Noosa River - Pre-Reclamation
EXECUTIVE SUMMARY

Except for those areas already protected by rock works, Noosa River Spit is currently experiencing erosion along its full length, including the southern end of the Spit. Various options have been fully investigated using numerical modeling, including:

B. Establish erosion limit control lines [present strategy]
C. Stabilise present channel location and beach
   C.1 Wall with embayed beach
   C.2 Groyne field
D. Relocate main channel away from the beach
   D.1 Submerged upstream closure
   D.2 Submerged upstream & downstream closure
   D.3 Training Wall with submerged upstream & downstream closure
E. Combination

Option E is the preferred option and includes [as per figure below]:
- Submerged curved “closure” [sand-filled geotextile mega-containers] designed to create an enclosed, stable beach and lagoon area
- Dredging and associated foreshore nourishment
- Training wall [sand-filled geotextile mega-containers with rock armour] to provide a control point for the southern channel
- Wall [rock] to prevent erosion along southern end of the Spit
- Two groynes [2.5m³ sand-filled geotextile containers] to stabilize the upstream beach