





4 72-1-1  
July 13, 1987  
minutes

State of North Carolina  
Department of Natural Resources and Community Development  
512 North Salisbury Street • Raleigh, North Carolina 27611

James C. Martin, Governor

S. Thomas Rhodes, Secretary

July 29, 1987

MEMORANDUM

TO: Pamlico Citizens' Advisory Committee

FROM: Douglas N. Rader, Ph.D., Project Director  
Albemarle-Pamlico Estuarine Study

SUBJECT: Minutes and Handouts of Meetings

At the request of your Chairman, Mr. Derb Carter, I am transmitting to you a draft of the minutes from the most recent meeting of the Pamlico Citizens' Advisory Committee. I have also mailed these minutes to the Policy Committee and the Technical Committee and have urged them to attend your next meeting. If you have any corrections or additions, you may either call me at 919-733-0314 or request them at your next meeting.

I have also enclosed the following additional materials:

- 1) revised procedures
- 2) revised Technical Committee/Policy Committee lists
- 3) Albemarle-Pamlico Estuarine Study calendar
- 4) a questionnaire as requested at the last meeting.

I believe the first two meetings of your group laid an important foundation for the work ahead. I am awaiting approval to advertise the public involvement coordinator's job. You will receive a copy of the job description when it is active.

Thank you for your continuing interest in the Albemarle-Pamlico Estuarine Study.

DNR:kn

Enclosures

## PROCEDURES

### PAMLICO CITIZENS' ADVISORY COMMITTEE

1. The charge from the Policy Committee to the Citizens' Advisory Committees (CAC's) shall provide the basis for action of the CAC's, namely:
  - A. To provide a mechanism for structured citizens' input, including providing recommendations, into the Albemarle-Pamlico Estuarine Study process from their respective regions; and
  - B. To assist in the dissemination of information relevant to or developed by the project in their respective regions.More specifically the CAC's shall:
  - A. Report at each meeting of the Technical Committee, through their respective Chairperson.
  - B. Review all documents and materials produced by the Albemarle-Pamlico Estuarine Study. They shall include the results of such review in the Chair's reports to the Technical Committee.
  - C. Take such initiatives as are necessary and appropriate, in conjunction with the other activities of Albemarle-Pamlico Estuarine Study, to ensure adequate citizen input from affected and interested constituencies in their regions.
2. Meetings shall occur at least twice annually in the region and shall be called by the Chairmen or by petition of a majority of duly appointed members. Meeting dates shall be set prior to adjournment of all meetings. All meetings shall receive notice of at least one week to all members.
3. Chairman and Vice-Chairman shall be elected by majority vote of those members present, and shall serve for one year from date of election. Chairman and Vice-Chairman may be reelected without limit. The Vice-Chairman will serve as chair in the Chairman's absences. Chairman and Vice-Chairman may designate any member of their committee as acting chair in their absence.
4. The Policy Committee has directed that Parliamentary Procedures be used for all meetings of the CAC's. The Policy Committee has directed that simple majority of members present shall rule. Only duly appointed members may vote. Proxies are allowable for informational purposes, but proxies cannot vote.
5. Members are appointed by and serve at the pleasure of the Policy Committee. Replacements must be approved by that body. CAC's may recommend replacements for Policy Committee consideration.

6. The Chairman of each CAC will serve as a voting member of the Technical Committee. In addition, the Policy Committee has strongly encouraged the Chairmen to attend Policy Committee meetings.
7. The Policy Committee has directed that all documents or resolutions developed by the Policy, Technical, or CAC members or their staffs be distributed to all Policy, Technical and CAC members preferably a week in advance of proposed action in order that members may have adequate time for review and comment, unless the document or resolution is developed at the meeting. Proposed agenda items should be forwarded to the Project Coordinator.
8. The Policy Committee has directed that no member of the Policy Committee, Technical Committee, or CAC's may serve as a Principle Investigator on any proposal. If an investigator from a Policy, Technical, or CAC's members institution, agency, or company submits a proposal, that Committee member shall not formally comment, endorse, or vote on that proposal.
9. The Policy Committee has determined that a goal of the Albemarle-Pamlico Estuarine Project will be to maintain open communication channels with the press. The official contact person for all Albemarle-Pamlico Estuarine Project press questions shall be the Project Coordinator. The CAC's may make press releases as they deem appropriate following formal committee action.
10. The Policy Committee has directed that no travel expenses will be paid for any Policy, Technical, or CAC members with the following exceptions:
  - A. Out-of-State (North Carolina) travel for project-related meetings upon approval of the Policy Committee Co-Chairmen.
  - B. Travel expenses for invited experts who are neither Federal employees nor North Carolina residents.
  - C. Travel expenses for "special" needs upon recommendation by the Program Coordinator with approval by the Policy Committee Co-Chairmen.

CITIZENS' ADVISORY COMMITTEE QUESTIONNAIRE

Name: \_\_\_\_\_

Affiliation/Occupation: \_\_\_\_\_

Interests: \_\_\_\_\_  
\_\_\_\_\_

Talents/Skills: \_\_\_\_\_  
\_\_\_\_\_

Subcommittees you believe are required (mark those you would be willing to serve on):

\_\_\_\_\_  
\_\_\_\_\_

Other activities you would be willing to contribute towards:

\_\_\_\_\_  
\_\_\_\_\_

The recommended topics for the four workshops (in addition to the general one at Elizabeth City State University on September 19) were: Coastal Area Management Act programs; 404/Wetlands-related programs; Sediment & Erosion Control programs; and Water Quality Standards-related programs.

Please suggest those or others you feel should be considered:

Suggested topics for 4 indepth radio pieces:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Suggested topics for 10 short radio spots:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

Suggested topics for 4 video public service announcements:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

Top 5 radio stations in your area:

	STATION	CITY	TELEPHONE	CONTACT (?)
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Other comments or suggestions:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please return to: Douglas N. Rader, Ph.D., Project Director  
Albemarle-Pamlico Estuarine Study  
NC Dept. of Natural Resources & Community Development  
P. O. Box 27687  
Raleigh, NC 27611-7687

ALBEMARLE-PAMLICO ESTUARINE STUDY CALENDAR

<u>Date</u>	<u>Event</u>	<u>Place</u>	<u>Who</u>
August 6-7	Initial designation meeting	Raleigh, NC	EPA/ PD
August 20-21	Agriculture cost share demonstration	Piedmont-Coast	PD/ EPA/ others
Sept. 3-4	Modeling Workshop	Raleigh	TC/PC/ others
Sept. 9-10	Industrial Extension Service Workshops	Eliz. City/ Nags Head	PD
Sept. 14	Pamlico CAC	?	CAC/ TC/PC/ PD
Sept. 15-18	National Estuaries Program Meeting	Washington, DC	EPA/ PD?
Sept. 17	American Fish. Society	Winston-Salem	?
Sept. 19	Public Meeting	Elizabeth City	TC/PC/ CAC
Sept. 30-Oct. 2	Marine Expo 87	Wilmington	PD
Oct. 19-23	Public Involvement Program Meetings	Narragansett	CAC reps.?
Oct. 27-28	Remote Sensing/Land Use Workshop	Raleigh	TC/PC
Nov. 17	Albemarle CAC Meeting	Hertford Co.	CAC/ PC/TC/ PD

PC = Policy Committee  
 TC = Technical Committee  
 CAC = Citizens' Advisory Committees  
 PD = Project Director

Also:

Fish Disease Workshop - late September ?  
 Funding Coordination Meeting - mid October ?  
 Policy Committee Meeting - late September ?  
 Working Group and Subcommittees - not scheduled as yet

MINUTES

PAMLICO CITIZENS' ADVISORY COMMITTEE MEETING  
JULY 13, 1987  
CIVIC CENTER, WASHINGTON, NC

The meeting was called to order at 7:10 p.m. by interim chairman, Derb Carter. Mr. Carter explained the proposed agenda for the evening (Attachment A).

The first order of business was a consideration of the draft procedures for the Pamlico CAC previously mailed to committee members (Attachment B).

Dick Leach inquired about the possibility of direct voting representation on the Policy Committee instead of the Technical Committee. Dr. Doug Rader, Project Director, explained the rationale behind the existing relationship among the committees, and emphasized that Technical Committee representation would allow direct input into day-to-day management. Furthermore, Dr. Rader stated that communication among committees was vital, and that the Policy Committee strongly encouraged the CAC chairmen to attend all Policy Committee meetings. Mr. Carter and Dr. Ernie Larkin suggested that the CACs be represented on both the Technical Committee and the Policy Committee. Dr. Rader recommended that the committee consider the procedures as presented, adopt some set of procedures (including those required by Policy Committee directive) and then subsequently consider any requests for changes to be made to the Policy Committee. Discussion on the procedures ensued.

Rann Carpenter recommended cleaner wording on the administrative hierarchy within the CAC: (1) chairman, (2) vice-chairman, (3) a member of the committee designated by the chairman.

Mr. Carpenter moved that procedure #3 be amended to reflect this order. Second by Mr. Leach. Motion carried by unanimous vote.

Todd Miller suggested that some minimum meeting notice be required for official meetings of the CAC.

Mr. Carpenter suggested some limitation on discussion by persons not members of the CAC.

Frank Sommerkamp stated that maximum impact of the CACs would be served by broad discussion, including voting representation on the Policy Committee.

Mr. Carter suggested that discussion be restricted to specific articles under consideration. No additional discussion occurred on Articles 3, 4, or 5. Article 6 was reserved for further consideration.

Mr. Larkin requested that "respectively" be dropped from #7. Dr. Rader agreed that the word was inappropriate and should be dropped but that the word occurred in a procedure adopted by the Policy Committee. Dr. Rader will request amendment at the next Policy Committee meeting.

Dr. Rader explained the phrase "Principal Investigator", and the concept of "conflict of interest."



Dr. Larkin questioned the intent of Article 9 on press relations. Dr. Rader explained that individual members of the committee were free to make whatever statements to the press they desired (including the chairmen of the CACs), and to use their membership on the CAC as a credential in that regard, but that all formal press statements for the Albemarle-Pamlico Estuarine Study must come from the Project Director or from a CAC following formal committee action. This restriction is intended to prevent mixed messages and multiple spokesmen from presenting chaotic statements to the media.

Dr. Rader explained the intent of the travel cost reimbursement limitation, and reported that the grant amendment requested to fund such travel had been approved by EPA in Washington. Briefly, emergency or unusual situations may be reimbursed by the Project Director with Policy Committee approval. Mr. Carter stated that travel limitations should not prevent any CAC member from attending meetings.

Mr. Miller restated his request that minimum notice be provided for special meetings. Discussion followed.

Mr. Miller moved that minimum notice of one week be provided for all CAC members for all meetings, special and previously announced. Willy Phillips seconded. Motion passed by unanimous vote.

Mr. Carpenter moved the adoption of all procedures as amended. Mr. Miller seconded. Motion carried by unanimous vote.

Much discussion followed on Article #6 (CAC representation on the Technical Committee). Mr. Leach firmly supported Policy Committee representation, as did a number of others (including Tom Quay and Willy Phillips). Carolyn Cooper disagreed, stating that the existing structure was adequate. David O'Neal agreed with Ms. Cooper, stating that the existing system already allowed for easy communication between committees and their members were already invited to attend all such meetings. Mr. Sommerkamp felt representation on the Policy Committee was required to keep the CACs informed about the "big picture." Dr. Bill Jackson suggested that the CACs avoid making demands now, until an atmosphere of mutual trust was established. Susan King asked what recourse was available at the present time. Mr. Carter replied that the representation situation would require Policy Committee action to implement changes. Dr. Quay suggested that a subcommittee be appointed to look toward requesting representation on both the Technical Committee and the Policy Committee.

Mr. Carter began appointing a subcommittee on Policy Committee relations. Doug Nelson objected, stating that such committee appointments should be made by a permanent chairman. General consensus resulted in the interruption of the discussion of CAC/PC relations until a permanent chairman was elected.

Mr. Carter explained the situation. Dr. Quay moved that the election of a permanent chairman take place immediately. Mr. Nelson seconded. The motion passed by unanimous voice vote.

Mr. Carter opened the floor for nominations for chairman.

Mr. Nelson nominated Mr. Sommerkamp, and gave a supporting statement. Mr. O'Neal supported Mr. Sommerkamp's nomination.

Mr. Leach nominated Mr. Carter, and gave a supporting statement. Dr. Quay supported Mr. Carter's nomination.

Mr. Carpenter moved that nominations be closed. Dr. Jackson seconded. Motion carried by unanimous voice vote.

At Mr. Carter's request, Dr. Rader conducted the vote by a show of hands. Mr. Sommerkamp received six votes; Mr. Carter received eight votes; two committee members present did not vote. Dr. Rader advised the committee that Mr. Carter had been elected permanent chairman.

Mr. Carter assumed his chairmanship.

Nominations were opened for vice chairman.

Dr. Quay nominated Dr. Larkin. Dr. Jackson supported Dr. Larkin's nomination.

Mr. Nelson moved that nominations be closed. Dr. Jackson seconded. Motion carried by unanimous voice vote.

Mr. Carter appointed Mr. Leach, Ms. Cooper, and Dr. Quay to the subcommittee on Policy Committee Relations.

The next order of business was a presentation on the Public Involvement Program. Dr. Rader presented handouts (Attachment C), showing first year technical and public involvement activities approved by the Policy Committee and submitted to EPA. He advised the committee that the Peer Review Committee had adhered strictly to the specific recommendation of the CACs in funding projects for public involvement.

Melva Okum from the UNC Institute on Environmental Studies described the two activities she will be conducting for the program. She asked for advice in subject matter for four in-depth radio pieces, ten shorter pieces on cultural or environmental subjects, and for advice on appropriate target radio stations. She stated that the year would culminate in a state of the estuary booklet for popular dissemination.

Mr. O'Neal suggested that coverage be assured basinwide and beyond. Ms. King asked about ways the CAC could facilitate inclusion of these pieces on public stations throughout the coast.

Mr. Miller presented the two activities which the North Carolina Coastal Federation and Duke University Marine Laboratory will carry out in collaboration with Sea Grant (for Jim Kennedy who was sick and could not attend). Mr. Miller described four different suggested workshop topics and requested ideas and suggestions on improving those topics. He stated the position of the NCCF, that they intend to work closely with the CACs in designing these workshops. Mr. Miller also described the approved two-day media tour, and again requested help in its design.

Dr. Dave McNaught presented the activity which the Pamlico-Tar River Foundation will conduct: a scoping study of a citizens monitoring network. Dr. McNaught went into detail about their plans to use previous experience in other programs and existing scientific expertise in designing and executing such a network.

Dr. Rader reiterated that all draft materials will be reviewed by the Program and presented to the CACs for critique before release. He also mentioned that he is working on developing a workshop for agricultural extension agents with Dr. Tom Hoban at NCSU; and with Dr. Maurice Powers and John Carson at Elizabeth City State University to put on an Albemarle Public Involvement Conference in mid-September.

Because the hour was late, Mr. Carter requested a quick summary of the workplan development process, which Dr. Rader provided. Mr. Carter suggested that in-depth review occur at the next meeting.

Dr. Jackson requested that members of the CACs be included in discussion of technical activities, and that subsequent meetings provided opportunities to broaden members' experience and knowledge of pertinent subject areas.

Dr. Rader and Mr. Wally Jones (of Mr. Jack Ravan's staff at EPA) stated they were available for any and all requests pertinent to this project.

Ms. Cooper requested a forum for exploring joint or expanded funding for the program. She suggested the US Park Service and the military. Dr. Rader noted that such an event is in the early planning stages for the fall.

Mr. Carter stated that future meetings would address the workplan, expanding funding and program impact, and would adopt a "perspective" format (e.g. agriculture, fishing, wildlife).

September 14 was selected as the next meeting date. No specific location was selected.

Mr. Nelson moved to adjourn. Seconded by acclamation. Motion carried unanimously and the meeting adjourned at 9:30 p.m.

DR:kn

PAMLICO CAC MEETING

WASHINGTON, NC

JULY 13, 1987

<u>NAME</u>	<u>AFFILIATION</u>
✓ DERB CARTER	CHAIR
DOUG RADER	A.P.E.S.
WALLY JONES	EPA
✓ WILLY PHILLIPS	COMMERCIAL FISHERMAN
✓ Todd Miller	NCCF
Melva OKUN	Envir. Resource Project, UNC-CH
✓ FRANK SOMMERKAMP	CITIZEN
✓ Grace Banner	Mayor of Aurora
DAWN PARKS	ECU Student.
✓ Carolyn L. Cooper	Teacher, Cape Hatteras School
Feather Phillips	Commercial Fishing
Tony Doyle	N.E. Marine Fisheries
✓ ERNIE LARKIN	PAMLICO-TAR River Flea
BILL SCHIMMING	TEXASGULF CHEMICALS
✓ Rann Carpenter	Texasgulf
✓ DOUG NELSON	MCA'S CERRY POINT
✓ TOM CRAVY	Environment Efficiency (US) / Wash
✓ DICK LEACH	WASHINGTON, N.C.
✓ BILLY JACKSON	WASHINGTON, N.C.
✓ Susan King	Neuse River Foundation New Bern
Mike Voss	WASHINGTON DAILY NEWS
✓ Timothy H. Hodges	SWAN Quarter NC.
✓ Alton Ballance	Hyde Co. Commissioner
✓ David M. O'Neal	Hyde Co. Soil & Water Supervisor

(16 members present)

ALBEMARLE-PAMLICO ESTUARINE STUDY  
PAMLICO CITIZENS' ADVISORY COMMITTEE

July 13, 1987 (Monday)  
Civic Center  
Washington, NC

7 p.m. - 9 p. m.

AGENDA

1. Organizational and Procedural Matters
  - a. Rules and Procedures
  - b. Committees
  - c. Chair and Vice-chair
  
2. Overview of Work Plan Doug Rader
  
3. CAC Representation on Technical and Policy Committees
  
4. Summary of Research Proposals Doug Rader
  
5. Detailed Description of Public Involvement Proposals Melva Okun  
David McNaught  
Jim Kennedy
  
6. Future Meetings

DRAFT

PROCEDURES

CITIZENS' ADVISORY COMMITTEES

1. The charge from the Policy Committee to the Citizens' Advisory Committees (CAC's) shall provide the basis for action of the CAC's, namely:
    - A. To provide a mechanism for structured citizens' input, including providing recommendations, into the Albemarle-Pamlico Estuarine Study process from their respective regions; and
    - B. To assist in the dissemination of information relevant to or developed by the project in their respective regions.More specifically the CAC's shall:
    - A. Report at each meeting of the Technical Committee, through their respective Chairperson.
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    - B. Travel expenses for invited experts who are neither Federal employees nor North Carolina residents.
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-

## FIRST YEAR TECHNICAL PROJECTS

## ALBEMARLE-PAMLICO ESTUARINE STUDY

The following projects have been approved by the Policy Committee for first-year funding, depending upon final legislative appropriations.

<u>SUBJECT</u>	<u>PRINCIPAL/ INVESTIGATORS</u>	<u>INSTITUTIONS</u>
1. Environmental determinants of oyster bed success	Sutherland, Ortega & Peterson	Duke University Marine Laboratory & UNC Institute for Marine Sciences
2. Data requirements for fisheries stock assessment	Mercer & Street	NC Division of Marine Fisheries
3. Value of recreational fishing	Smith & Palmquist	North Carolina State University
4. Analysis of nursery area data	Street	NC Division of Marine Fisheries
5. Ecological function of fringe swamps	Brinson	East Carolina University
6. Potential for eutrophication & nuisance algal blooms	Paerl	University of North Carolina
7. Nutrient reduction by coastal swamps	Kuenzler	University of North Carolina
8. Baseline demographic trends (permanent & seasonal populations)	Tschetter	East Carolina University
9. Analysis of existing hydrologic & water quality data	Bales	US Geological Survey
10. Offsite effects of Best Management Practices	Bales	US Geological Survey
11. Flows & flow patterns in the Neuse & Pamlico River systems	Bales	US Geological Survey



<u>SUBJECT</u>	<u>PRINCIPAL/ INVESTIGATORS</u>	<u>INSTITUTIONS</u>
12. Excluder devices in the inshore shrimp fishery	Pearce	Mariner's Marine
13. Obstructions to migration of anadromous fish	Collier	US Fish & Wildlife Service
14. Distribution of submersed aquatic plants	Davis	East Carolina University
15. Aerial survey of submersed aquatic plants	Thayer	US National Marine Fisheries Service
16. Water column & bottom sediment dynamics	Wells	UNC Institute for Marine Sciences
17. Hyde County Soil Survey Cost Share	Philen	NC Division of Soil & Water Conservation

Also, the following projects have been recommended for December funding:

18. Wetland protection strategies	Adams	North Carolina State University
19. Heavy metals in bottom sediments	Riggs	East Carolina University
20. Current resource management programs	Nichols	Research Triangle Institute

In addition, the Peer Review Committee has requested the following actions:

Workshops on

- 1) hydrologic & water quality modeling
- 2) remote sensing (land use/land cover; etc.)
- 3) fish diseases.

Workgroups

- 1) striped bass declines
- 2) natural area/wetland inventories & endangered species
- 3) recruitment processes & their effects on nursery function
- 4) toxicants and pesticides.

Proposal solicitation/revision on

- 1) management of fecal contamination
- 2) management of nursery area impacts

FIRST YEAR PUBLIC INVOLVEMENT PROJECTS

ALBEMARLE-PAMLICO ESTUARINE STUDY

The following projects have been approved by the Policy Committee for first-year funding, depending upon final legislative appropriations.

<u>SUBJECT</u>	<u>PRINCIPAL/ INVESTIGATORS</u>	<u>INSTITUTIONS</u>
1. Citizen's monitoring network	McNaught	Pamlico-Tar River Foundation
2. State of estuaries booklet	Okum	UNC Institute for Environmental Studies
3. Public service announcements	Okum	UNC Institute for Environmental Studies
4. Media tour	Kennedy	NC Coastal Federation
5. Workshops on management issues & guidebooks	Kennedy	NC Coastal Federation
6. Videotape/slide show	(NRCD reserve until contractor selected)	
7. Newsletter	Public Involvement Coordinator	Albemarle-Pamlico Estuarine Study
8. Public meeting	Carson & Powers	Elizabeth City State University
Total Cost:	\$100,136	

## SUMMARY

### PAMLICO CITIZENS' ADVISORY COMMITTEE MEETING

JUNE 8, 1987

WASHINGTON, NC

The meeting was called to order at 6:10 p.m. by Dr. Mike Orbach, Technical Committee, Albemarle-Pamlico Estuarine Study (APES) and NC Marine Science Council. Dr. Orbach welcomed committee members and others, and introduced persons present.

Dr. Doug Rader, APES Project Director, spoke on the impetus for the APES, the major thrusts of the program, the administrative structure of the program, and the current status of each element.

Mr. Ted Bisterfeld, US Environmental Protection Agency (EPA) Project Officer, welcomed the group on behalf of Mr. Jack Ravan, EPA Region IV Administrator. He then described the charge and duties of the CAC's as laid out by the Policy Committee for the study.

Dr. Rader then described administrative procedures established by the Policy Committee and suggested that specific CAC procedures be considered at the next meeting. The committee so directed. Of particular interest was the limited availability of travel funds, payable only upon unusual circumstances by recommendation of the Project Director and approval of the Policy Committee Co-chairmen. Discussion ensued about the relationship between the various administrative boards, and voting representation on the Technical or Policy Committee. Further consideration of this topic was requested at a later time.

Ms. Fran Flanigan, Chesapeake Bay Citizens' Program, spoke on public involvement in the National Estuaries Program and encouraged the committee to broad and diverse activity.

Dr. Dirk Frankenberg, University of North Carolina and APES Policy and Peer Review Committees, described the process of selection of technical proposals and the available public involvement strategies. He emphasized the administrative need to select among activities for which there were proposals in hand. A comprehensive public involvement plan could then be built around existing pieces.

After considerable discussion, the committee decided to vote on possible projects, with individuals selecting their five favored activities. The recommendation from this committee consisted of the identification of those activities with the most votes. (See attached list.)

The committee then decided to elect an interim chairman and vice-chairman to serve until committee members determined that permanent officers could be selected. After discussion, Mr. Derb Carter was elected chairman and Dr. Ernie Larkin, Vice-chairman, by acclamation.

Mr. Carter assumed his chairmanship.

Dr. Rader, Dr. Frankenberg, and Dr. Orbach thanked the assembled members.

July 13 was selected as the date for the next meeting, to be held in Washington, NC. Agenda items were requested from the committee and are to include a discussion of the draft workplan, technical projects approved for funding, public involvement projects approved for funding, and recommended administrative procedures.

The meeting adjourned at approximately 10:00 p.m.

## SUMMARY OF POSSIBLE PUBLIC AWARENESS/INVOLVEMENT ACTIVITIES

1. Prepare videotape/slide presentations on natural resources and their human uses, environmental issues and environmental management opportunities.
2. Prepare audio-visual presentation on the geologic and hydrologic setting, the history of development in the region and the current agricultural perspective (land and water management practices, etc.).
3. Prepare a slide/tape set for use with the North Carolina Agricultural Extension Service and provide in-service training for agricultural extension agents.
4. Conduct surveys of public perceptions, knowledge and attitudes of natural resources and their management.
5. Evaluate the nature and extent of real and perceived conflicts among user groups of the Albemarle-Pamlico system.
6. Gather in one place all relevant scientific and management information on Albemarle and Pamlico Sounds.
7. Design and publish a quarterly newsletter.
8. Conduct workshops on natural resource issues for public school teachers.
9. Develop bumper stickers/logos/t-shirts, slogans.
10. Conduct estuarine management workshops with guidebooks on:  
wetlands protection programs  
Coastal Area Management Act  
Sedimentation and Pollution Control Act  
Water Quality Standards Program
11. Conduct a two-day media tour of Albemarle-Pamlico Sounds.
12. Compile a speakers bureau catalog.
13. Establish a simple citizens monitoring network.
14. Prepare public service announcements.
15. Prepare a protocol for translating and distributing scientific results to policy makers.
16. Conduct workshops on public health issues relevant to estuarine management.

17. Prepare an "Albemarle-Pamlico Gallery" at the NC Aquarium on Roanoke Island, with touch tank, media shows, etc. (Ultimately, a traveling exhibit will be prepared.)
18. Prepare a "State of the Estuaries" booklet.
19. Sail a North Carolina traditional vessel up the Neuse River, with landings to disseminate Albemarle-Pamlico Estuarine Study materials.
20. Establish an estuarine extension program office in Greenville at East Carolina University.
21. Prepare popular characterizations of: blackwater streams; Currituck Sound/Back Bay and reprint Fish and Wildlife Service publication on Albemarle Sound.
22. TRIVIAL APES COMPUTER GAME

RESULTS OF CAC VOTING ON PUBLIC INVOLVEMENT ACTIVITIES

# VOTES			TOPIC	ACTION BY PEER REVIEW & POLICY COMMITTEE
ALB.	PAM.	E		
9	12	21	Citizens Monitoring network	Funded Pamlico-Tar River Foundation
11	9	20	Media Tour	Funded NC Coastal Federation
12	7	19	Videotape/Slide Show	Funded Dept. of Natural Resources & Community Development Reserve
11	7	18	Public Service Announcements	Funded University of North Carolina
10	8	18	State of Estuaries Booklet	Funded University of North Carolina
11	3	14	Estuarine Management Workshops and Guidebooks	Funded NC Coastal Federation
2	10	12	Surveys of Public Attitudes/ Knowledge/Perception	---
8	2	10	Protocol for Policymakers	---

The CAC's also recommended that the program itself proceed to:

- 1) issue a quarterly newsletter,
- 2) gather relevant information (books, journal articles, data sets, etc.), and
- 3) compile a speakers' bureau.

ALBEMARLE-PAMLICO ESTUARINE STUDY

CITIZENS' ADVISORY COMMITTEES

ALBEMARLE  
JUNE 9, 1987  
(Tuesday)  
New County Courthouse  
Edenton, NC

PAMLICO  
JUNE 8, 1987  
(Monday)  
Civic Center  
Washington, NC

6 P. M. - 9 P. M.

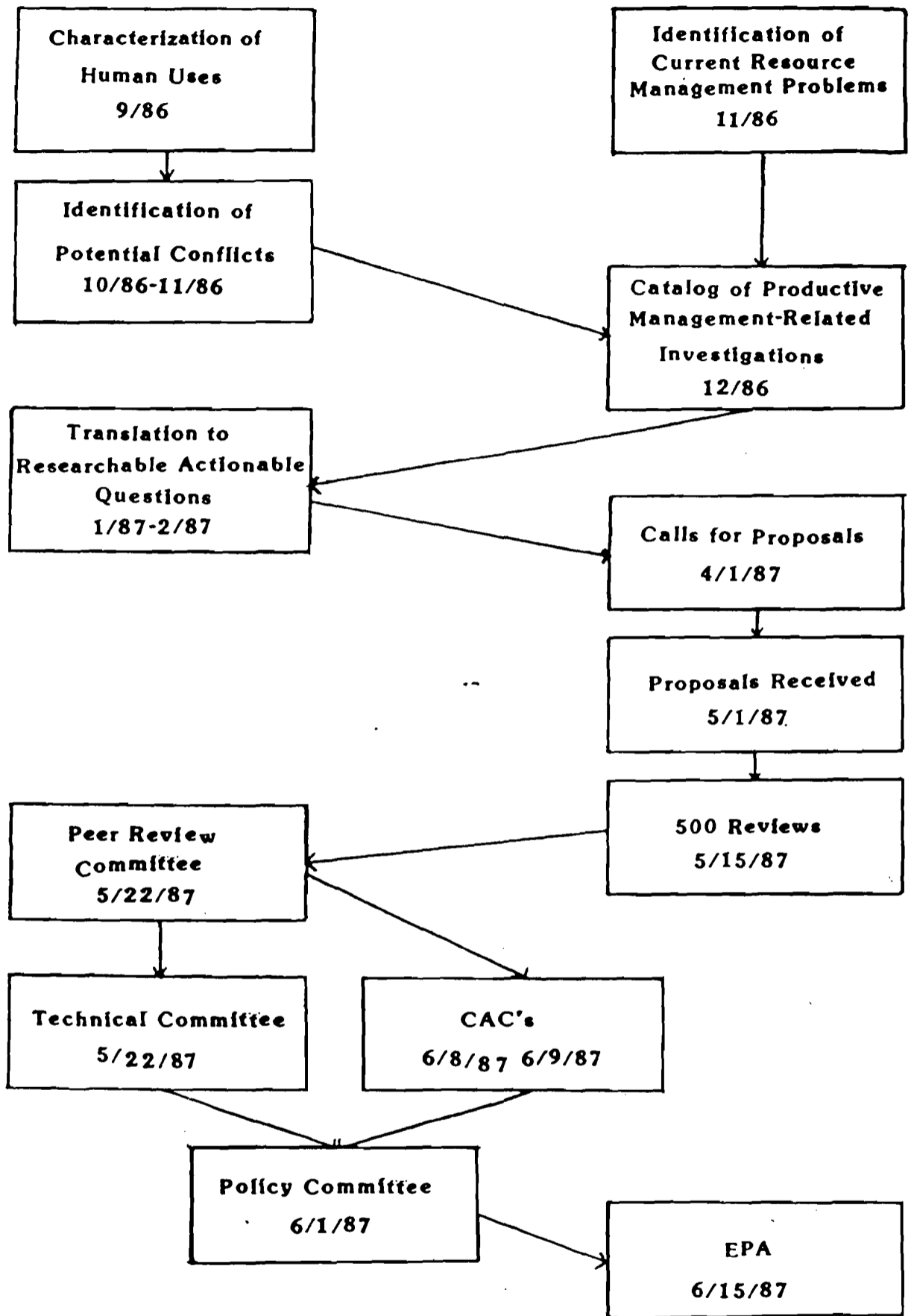
A G E N D A

Moderator: Dr. Mike Orbach  
East Carolina University  
NC Marine Science Council

Welcome	Dr. Mike Orbach
The Albemarle-Pamlico Estuarine Study (APES)	Dr. Doug Rader Project Director
Charge to the Citizens' Advisory Committees	Mr. Ted Bisterfeld US Environmental Protection Agency
Organizational and Procedural Matters	Doug Rader
Public Involvement in the National Estuary Program	Ms. Fran Flanigan Chesapeake Bay Citizens' Program
Available Public Involvement Strategies	Dr. Dirk Frankenberg University of North Carolina; Policy Committee, APES; Joint Peer Review Committee, APES
Future Activities	Doug Rader

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# WORKPLAN DEVELOPMENT AND PROJECT SELECTION





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Albemarle-Pamlico Estuarine Study

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Albemarle-Pamlico Estuarine Study

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(Albemarle Citizens' Advisory Committee)

ALBEMARLE-PAMLICO ESTUARINE STUDY  
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