

November 1977

Division newsletter

American Society for Engineering Education

DIVISION: Civil Engineering

EDITOR: Dexter C. Jameson, Jr.
Department of Civil Engineering
University of Tennessee
Knoxville, TN 37916

OUTLOOK FOR THE COMING YEAR

Again this year we are expecting that this will be the first of two newsletters. As always, the budget is tight but your secretary-editor and I think we have the situation under control. Hopefully, beginning next year, the budget situation will improve as the Civil Engineering Dues Request has been approved by ASEE Headquarters.

The CE Division program for the annual convention next June is shaping up very nicely. The following sessions have been planned:

- Innovative Teaching Methods in Civil Engineering
- Faculty Development in Static Times
- Ethics and Professionalism
- Planning and Review - 1979 CE Education Conference
- Curriculum Innovation in Civil Engineering
- Rap Session
- Business Luncheon
- Banquet
- Planning Session
- Chi Epsilon Luncheon

Don Bender, Vice Chairman and Program Chairman, has things well underway and our sessions should prove very interesting. I hope all of you will be able to come to Vancouver next June.

In closing, let me say that the civil engineering program this past June at North Dakota was excellent. Many good comments were heard. Your sessions chairmen, Larry Feeser, Marvin Criswell, Don Leitch, and Clyde Holland did an outstanding job of putting the program together and they deserve your thanks and admiration.

Your old friend,

Bies (alias Pork Chop)

William J. Wilhelm
Chairman, ASEE-CE Div.

C.E. DIVISION PASSES A DIVISION DUES

During the spring of 1977 the C.E. Division members voted to assess our members a division dues of \$2.00 per year. This action has been approved by the ASEE Board of Directors. Current members will be billed at the beginning of the next society dues cycle in 1978.

The question most members asked was, "How are we going to use the income?" Last year a poll of the division members indicated strong interest in a) increased activities at the section level, and b) publication of a quarterly C.E. Division newsletter or journal. Bill Wilhelm, 1977-78 C.E. Division chairman, has appointed an ad hoc committee consisting of:

Peter Hoadley, Chairman, Vanderbilt
Olin Dart, Louisiana State University
Marvin Criswell, Colorado State University
Dexter Jameson, University of Tennessee

to study the matter and submit a proposal to the C.E. Division Board of Directors during the 1977-78 academic year.

My guess is that our best bet would be to upgrade our division publication. At the present time our budget allocation from ASEE, which is about \$500, is not sufficient to finance two division newsletters per year. At some time in the future, we might be able to publish a division journal. Our intent is to improve and expand the communications with division members.

I urge all of you to continue your support of the C.E. Division activities, for without you the division can do very little.

Peter G. Hoadley
Past-Chairman, 1976-77
ASEE-CE Division

* * * * *

Report of the Secretary-Editor

1976-1977

Division Newsletters were prepared in October 1976 and March 1977 and were mailed in November and April, respectively. Printing and Mailings were handled by Larry Sigler of ASEE Headquarters.

The November Newsletter contained a membership interest form prepared mainly by Olin Dart. Chairman Hoadley compiled the results of the survey which were published in the April Newsletter.

The officers elected for 1977-78 and continuing officers are as follows.

Chairman: William Wilhelm
 Vice Chairman: Donald Bender
 Secretary-Editor: Dexter Jameson (1979)
 Directors: Roger Seals (1978)
 Gordon Batson (1979)
 Marvin Criswell (1980)

The Executive Board of the C.E. Division will consist of these officers plus the past chairman, Peter Hoadley, and the chairmen of the three Standing Committees: Larry Feeser, Edward Reitz, and Donald G. Leitch.

The membership of the Division on June 1, 1976, was 1,972 persons as compared with a current membership of 1,749. This apparent loss of 223 members is a result of a change in method of expressing membership totals by ASEE. In past years "ghost" members were included in the totals--i.e., members who were in an inactive category because of unpaid dues, but not yet actually deleted from the records. In an effort to more accurately represent the Society's membership, only active members are now included in the totals.

The C.E. Division budget for the 1976-77 year was \$475, which was an increase of \$25 over the previous budget.

* * * * *

STATEMENT OF FUND BALANCES

June 27, 1977

Balance 7/1/76 \$475.00

Expenditures

Printing \$208.44
 Postage 103.92
 Mail House Charges 75.00
 Sec'y-Editor Office Expenses 40.00
\$427.36

Balance 6/27/77 \$ 47.64



Secretary-Editor
ASEE-CE Division

1977-78 Civil Engineering Division Committee Memberships

Committee No. 1 -- Educational Policy

Larry J. Feeser, Chairman	R.P.I. (1978)
Cornie L. Hulsbos	Univ. of New Mexico (1978)
Ed Rohmberg	Univ. of Detroit (1979)
Wallace Fluhr	Air Force Academy (1979)
George Hauch	Univ. of MO-Columbia (1980)
Olin W. Mintzer	Ohio State Univ. (1980)

Committee No. 2 -- Professional Practice and Relations with
Technical Societies

Ed Reitz, Chairman	City College of N.Y. (1978)
Gajanan M. Sabnis	Howard Univ. (1979)
Samuel W. Dobyns	V.M.I. (1979)
Subhash C. Anand	Clemson Univ. (1980)
Rafik Y. Itani	Wash. State Univ. (1980)
Thomas S. Tarpy, Jr.	S.D. Lindsey & Assoc. (1980)

Committee No. 3 -- Teaching Methods and Technical Areas

Clyde N. Holland, Chairman	Northern Arizona Univ. (1978)
James Chinn	Univ. of Colorado (1978)
J. Paul Hartman	Florida Tech. Univ. (1978)
Robert Henry	Dallas, TX (1978)
Ronald W. Eck	West Virginia Univ. (1979)
Donald Leitch	Lowell Univ. (1979)
Albert D.M. Lewis	Purdue Univ. (1979)
William E. Saul	Univ. of Wisconsin (1979)

Terms of office of committee members end as shown in parenthesis and new members will be needed for the various committees. Interested persons (non-academic and academic) are requested to contact committee chairmen for consideration as committee members.

NOMINATING COMMITTEE REPORT

The committee consisting of Peter Hoadley, Ed Misiaszek, and Olin Dart, Chairman, has submitted the following candidates for consideration: chairman: Donald L. Bender; vice-chairman: Eugene Chesson or Donald G. Leitch; director: (3 year term ending 1981) Robert L. Henry or Gajanan M. Sabnis. The successful candidates will assume their offices at the 1978 ASEE Annual Conference.

MINUTES

Meeting: ASEE Annual Conference, Grand Forks, North Dakota,
June 29, 1977.

Committee 2: Professional Practice and Relations with Technical Societies.

Attendance, Members: Marv Criswell, Ed Reitz, Gaj Sabnis,
Subhash Anand, Tom Tarpy.

Visitors: Arthur Mallon, Byron Spangler, Ajit
Virdee, David Woo.

Marv Criswell opened the meeting with a review of his successful session on Engineering Enrollment, which had an attendance of 110. The Committee agreed that the subject matter had an extensive depth of interest and was well received although controversial.

The meeting then proceeded to official business and Ed Reitz was elected Committee Chairman. Committee membership was discussed next with Marv Criswell reporting that he had received applications from Subhash Anand, Eric Bers, George Glenn and Rafik Itani. An additional application from Thomas Tarpy was transferred over from Committee No. 3. As this represented more applicants than there were seats on the Committee, it was decided to select applicants who were active at the 1977 Annual Meeting and carry over the remaining applicants for consideration as members in the following year. It was decided to maintain contact with these applicants and encourage their future participation, as membership is partially rotated annually. The Committee selected as members Subhash Anand, Rafik Itani and Tom Tarpy.

The Committee then proceeded to the discussion of proposed future sessions that it would sponsor, including:

1. Professionalism and Ethics - This topic was a carry over from the 1976 meeting and was originally proposed by B. Austin Barry. Possible subtopics to be included were: 1) The role of student societies, 2) Professionalism and registration - Orienting the student on registration and his professional needs and responsibilities, 3) Professional registration - The quality of the examination and the phenomenon of concentrated preparation to pass the examination, 4) Ethics in Civil Engineering practice and employment, 5) Interaction of professional societies and students, with emphasis on the transition experiences by recent graduates, 6) The question of liability in professional practice.

2. 1979 Civil Engineering Education Conference - Continuing on a suggestion by Marv Criswell, the Committee considered a session previewing and promoting the planned 1979 Conference on Civil Engineering Education. Included in such a session would be 1) Planning activities, 2) Promotional activities, 3) Research needs, 4) Main areas of interchange, 5) Potential uses and applications.

3. Education and Practice - A Two Way Street - Ed Reitz suggested a general session exploring such topics as 1) Technical Societies and Continuing Education, 2) Providing professional experience in practice for faculty, 3) Technical and trade organizations as educational resources, 4) How practitioners can help in teaching courses.

4. Minorities in Engineering - Gaj Sabnis suggested a general session devoted to the problems of recruitment, retention, development and potential talent in such minorities (in engineering) as blacks, women, American Indians, Mexican-Americans, Puerto Ricans and others.

During the Division discussions held immediately following the Committee meeting, sessions on items 1) and 2) above were accepted for the 1978 Conference at the University of British Columbia. Item 3) was merged with a session proposed by Committee No. 1, and item 4) was recommended as a topic to be considered in conjunction with other Divisions for a future Annual Conference.

Respectfully submitted,

Ed Reitz

Edward S. Reitz

* * * * *

Committee 3: Teaching Methods and Technical Areas

The Civil Engineering Division's business and planning meeting was convened at 7:00 a.m. on Wednesday, June 29, 1977 in the Nokota Room in the University Center, University of North Dakota, Grand Forks, North Dakota.

After a light breakfast and some general discussion, the working committees of the Civil Engineering Division withdrew to hold their annual planning meetings. The following items of particular interest to members of Committee 3 were discussed either during the committee meeting or during the Civil Engineering Division's reconvened planning session after the committee meeting.

1. Attendance - Committee 3.

- Allen F. Dice, Northern Arizona Univ.
- Ronald W. Eck, West Virginia University
- J. William N. Fead, Colorado State Univ.
- Peter H.P. Ho, Univ. of Hawaii
- William E. Saul, Univ. of Wisconsin
- George R. Seeley, Tri-State Univ.
- Olin K. Dart, Louisiana State Univ.
- Donald G. Leitch, Univ. of Lowell
- George K. Wadlin, Michigan Tech. Univ.

2. Membership - During the past year, eleven persons were listed as members of Committee 3 in spite of the fact that the Bylaws of the Civil Engineering Division limit the number of members to a maximum of six.

After polling the absentee committee members, Chairman Don Leitch will reduce the committee membership to the proper size. Persons who have shown an interest in the activities of Committee 3 will be retained on the mailing list.

3. Chairman - Elect - Bill Saul was elected as Chairman for the year 1978-79. His term of office will begin at the Civil Engineering Division's planning meeting June 1978.

4. Annual Conference - 1977 - Both of the sessions organized by Committee 3 were attended by good-sized audiences. The speakers were well-prepared and the discussions were lively. Based on various comments and observations, it seemed as if the sessions were considered to be successful.

5. Annual Conference - 1977 - The Committee decided to request two sessions at the next annual conference which will be held at the University of British Columbia, Vancouver, B.C., June 18-22, 1978.

Scheduled for 8:00 - 9:45 am, Monday, June 19, 1978, the first session will be concerned with teaching methods in civil engineering education. At the request of the Chairman of the Division, this session will be advertised in the journal and papers will be selected from abstracts provided by prospective speakers. Bill Saul will organize, advertise and select the papers for this session.

The second session will discuss the structure of civil engineering curricula and the ways in which they lead naturally into the final year of professional study. The emphasis will be on the terminal year in the undergraduate program. This session is scheduled for 3:45 - 5:00 pm, Wednesday, June 21, 1978 and will be organized by Don Leitch.

Members and friends of Committee 3 are invited to send suggestions, comments, prospective papers and other information directly to the appropriate session chairman.

6. Annual Conference 1979 - Louisiana State University will host the Annual Conference of ASEE in 1979. Committee 3 decided to seek approval to sponsor a mini-plenary session at the 1979 meeting. During the next year, Olin Dart and Bill Saul will begin the long range planning required for this session which will be planned around a Transportation or Urban Planning theme.

There being no more time for any other business, the meeting was adjourned.

Respectfully submitted,

Donald G. Leitch

Donald G. Leitch

1978 ASEE ANNUAL MEETING

It was announced at the ASEE fall planning meeting that the Mini-Plenary session developed by Russ Jones, Preparation of Engineering Students for Effective Life Long Learning, was approved by the ASEE Board of Directors. It is scheduled for Wednesday morning.

ASCE COMMITTEE ON CURRICULUM AND ACCREDITATION

Last year C.C. & A suggested the CE Division might wish to change the arrangement whereby its chairman is a corresponding member to both C.C. & A and EDEX because of the burden on the chairman's time. This year Peter Hoadley and William Wilhelm will serve as the corresponding member to C.C. & A and EDEX, respectively.

ASEE CONFERENCES

COLLEGE INDUSTRY EDUCATION CONFERENCE

January 25-27, 1978

The third annual College Industry Education Conference will be held in San Diego, California. This mid winter meeting of the ASEE is sponsored by the CO-OP Division, CES Division, RWI Division, International Division and the Engineering Technology Division. Make your plans to attend now! For further information contact James P. Todd, Engineering Technology Department, California State Polytechnic University, Pomona, California 91768. (714) 598-4322.

INTERNATIONAL CONFERENCE ON
CONTINUING ENGINEERING EDUCATION

April 25-27, 1979
University of Mexico
Mexico City

An International Conference on Continuing Engineering Education will be held in Mexico City, April 25-27, 1979. The Continuing Engineering Studies and International Divisions of the American Society for Engineering Education, the University of Mexico, and UNESCO are sponsoring this conference which will be aimed primarily toward continuing education directors in engineering and science. However, those in technician education and related professional areas are also invited. Speakers are being contacted and will be coming from Europe, Asia, and South America as well as the United States. Among topics to be discussed include needs analysis, adult learning, marketing programs, motivation, program costing, unique programs. **MARK YOUR CALENDAR!** Additional information can be obtained by contacting Dr. John Klus, Conference General Chairman, University of Wisconsin, 432 North Lake Street, Madison, Wisconsin 53706, U.S.A.



REPUBLIC OF CHINA
MINISTRY OF NATIONAL DEFENSE
HEADQUARTERS
NO. 101, SECTION 1, ROAD 1
TAIPEI, TAIWAN

ASEE-CE DIV. NEWSLETTER
Civil Engineering Dept.
University of Tennessee
Knoxville, TN 37916

