

Volume 67, Number 11 CENEAR 67 (11) 1-64 ISSN 0009-2347

### **News of the Week**

- International conference held last week in London on saving the ozone layer leaves key issues unresolved. Page 4
- Group of authors and publishers in New York City calls for use of acid-free paper for first printing of quality hardcover books. Page 5
- Group formed by Natural
  Resources Defense Council launches
  campaign to limit pesticide
  residues in food. Page 5
- President Bush reaffirms his commitment to science in visit to exhibition of Westinghouse High School Talent Search finalists at National Academy of Sciences. Page 6
- Senate subcommittee heard charges last week that chemicals used in advanced composites have caused illness in several hundred aerospace workers. Page 6

Cover: Computer-generated diagram shows temperature trends during past century. Map diagram courtesy of NASA Goddard Institute for Space Studies

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### **Business**

Soda ash and caustic soda consumption is continuing strong, but chlorine demand is slumping; European Community is planning to open market for energy to freer competition; titanium dioxide supply will stay tight through the next decade.

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#### Government

Question of pesticide safety for children that is raised in environmental group study is disputed by EPA, others; House Democrats find Bush budget lacking, suggest solutions; European Community's 1992 plan will alter its scientific and technological relations with U.S.

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## Science/Technology

**Membrane techniques for liquid separations** are derived from industrial gas separation methods. **Page 20** 

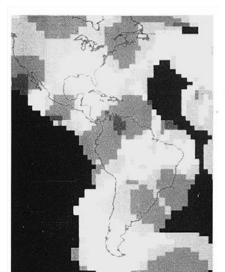
### Education

"Science for All Americans" report from AAAS describes efforts to achieve national educational reforms, gives guidelines to attack scientific illiteracy problem in U.S.

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### **Books**

Second edition of popular book on writing offers useful advice and examples to take writers through step-by-step process. Page 45



# **Special Report**

Knowledge of the greenhouse effect on global warming has progressed during the past few years, but unraveling the complex reactions that are involved remains a challenge. Page 25