



National Aeronautics and
Space Administration
Goddard Space Flight Center

Goddard News

Greenbelt, Maryland / Wallops Island, Virginia

April Vol. 44 No. 5

To better serve you, Goddard News goes to a one-pager beginning May 97.

This Weekly publication will bring you the news as it happens.

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Goddard's Implementing NASA's Strategies for the 21st Century Poster was unveiled at a ceremony on March 19, in building 8 Lobby. Present at the ceremony was the Strategic Plan Team, led by Dot Zukor. Joe Rothenberg did the unveiling and has made available a poster for each employee. Check your mailbox and display it proudly!

STATUS OF "PROJECT GODDARD"



Joe Rothenberg

"Project Goddard" will ensure our scientific and technological leadership into the next century", notes Joe Rothenberg. The first steps in the process have been completed. The leadership has been identified for the new organizations. Rothenberg has selected Mr. Art Fuchs, to join him and Al Diaz as Associate Director. Mr. Orlando Figueroa will head up the new Systems, Technology and Advanced Concepts (STAAC) organization as the Director. Mr. Brian Keegan, has been named the Director of Applied Engineering and Technology (AETD). Mr. Charles Vanek, was chosen the Director of Flight Assurance. Mr. James Moore will serve as Director of Flight Projects. Mr. Carroll Dudley, will become Deputy Director of AETD. These individuals collectively represent years of experience, dedicated service, and appreciation for Goddard's history to take us into the future. For your convenience the charts from the "Project Goddard" presentation and photos and biographies of the new leadership can be found on the Goddard Homepage at <http://www.gsfc.nasa.gov>

Meet Your "Project Goddard" Leadership Team



Arthur J. Fuchs

Arthur J. Fuchs
Associate Director

Fuchs recently held the position of Director of Mission Operations and Data Systems. He began his career with NASA in 1963 at Goddard. He worked on Gemini and Apollo manned space missions and on numerous science and applications missions such as the early Explorers and the Earth Resources Technology Satellite later known as Landsat. In 1983, he transferred to NASA Headquarters and was assigned to work on the Hubble Space Telescope development program.



Orlando A. Figueroa

Orlando A. Figueroa
Director of Systems, Technology
and Advanced Concepts (STAAC)

Figueroa recently held the position of Manager of Explorers Project. He has 17 years at Goddard and has served as Project Manager for the Small Explorers (SMEX) missions, and served in various capacity on the following missions: COBE, DIRBE, HCMM, and SHOOT.

James V. Moore
Director of Flight Projects

Moore recently held the position of Deputy Director of Flight Projects. He began his federal career at Goddard in 1967, working on acceptance and pre-launch testing of the Orbiting Astronomical Observer (OAO) satellites.



James V. Moore

Brian Keegan
Director of Applied Engineering
and Technology Directorate (AETD)

Keegan recently held the position of Deputy Director of Engineering. Keegan joined Goddard in 1966 as a structural engineer in the former Systems Reliability Directorate.



Brian Keegan

Charles Vanek
Director of Flight Assurance

Vanek recently held the position of Associate Director of Flight Projects. He joined NASA in 1966 as a junior engineer and gradually assumed increasingly responsible and more comprehensive technical and managerial positions.



Charles Vanek

Carroll A. Dudley
Deputy Director of Applied
Engineering and Technology
Directorate (AETD)

Dudley recently held the position of Deputy Director of the Mission Operations and Data Systems Directorate (MO&DSD) and the position in the Johnson Space Center Space Operations Management Office of the Mission Services Manager.



Carroll A. Dudley

For more fascinating facts about our new Leadership Team

visit our Goddard homepage at <http://www.gsfc.nasa.gov>, choose Project Goddard presentation (3/17/97), and you will find copies of the charts, photos and biographies of the Leadership Team.

Dr. Allan Sherman Leaves GSFC Knowing the Center is in Good Hands

by Donna Drelick, Office of Public Affairs

"Goddard is a great place. I've experienced so much here during the past thirty years, the place feels like family to me," said retiring Director of Engineering, Dr. Allan Sherman. "I'm extremely thankful for the opportunities I've experienced and the wonderful people I've encountered at Goddard. Half of my life has been spent here. Although it will be painful to retire, I feel that I am ready to embark on a new adventure. In many ways, I haven't peaked yet."

Dr. Sherman began his career at Goddard in 1966 as a young engineer with efforts concentrated on cryogenics, thermal design, and propulsion. By 1979, Sherman was named Head of the Cryogenics, Propulsion and Fluid Systems Branch within the Space Technology Division. He moved on to become the Associate Chief of that Division in 1985, and Chief of the Division in 1988. Dr. Sherman became Deputy Director of Engineering in 1990 and then Director of Engineering in 1994. Most recently, he was named Director of the Systems Technology and Advanced Concepts Directorate.

"If I had one message to the engineers at Goddard, it is to be doers. We need to keep Goddard's reputation for excellence strong while remaining challenged and motivated. Having in-house projects helps to accomplish this by offering a variety of work and com-



Dr. Allan Sherman

plexities. Goddard has a great future, as do the engineers who work here." Sherman contends that he has learned a tremendous amount from the people who make Goddard unique. "These are great people who can produce and solve problems. I was constantly learning because of my interactions with Goddard personnel."

Although Dr. Sherman has experienced a wealth of satisfaction at Goddard, one of his fondest memories is working on the COBE project. He was the first engineer assigned to COBE in the 1970's. "I've always enjoyed projects where you could roll-up your sleeves and dive right in. And it is fun to kick the tires of a project and make sure that everything is built exactly as it should be. I wish everyone at Goddard could experience such a feeling."

Dr. Sherman received a Bachelor's degree and Master's degree both in Mechanical Engineering from Cornell University, and a Doctorate in Aerospace Engineering from the University of Maryland. He lives in Silver Spring with his 'wonderful wife of 23 years', Gloria, and has three children, Stuart, Madeline and Craig. All Sherman children also have been educated at the University of Maryland.

Dr. Sherman will be assuming the position of Director of Advanced Development Program for Lockheed Martin in Bethesda upon his retirement from Goddard.

Compton Gamma Ray Observator (CGRO) Reboost '97

by Lynn Jenner, Office of Public Affairs

On April 1, 1997, the Spacecraft Operations Facility in Building 14 will begin its last planned orbit raising (reboost) operation for the Compton Gamma Ray Observatory (CGRO). The observatory currently is orbiting the earth at 435km. However, due to anticipated increased solar activity that creates drag on the spacecraft and due to the pull of the earth's gravity, both of which degrade satellite orbit, a reboost to 515km is necessary. Performing this critical operation will increase the lifetime of the CGRO mission for 12 years at which time NASA will perform a controlled re-entry.

The CGRO satellite is one of NASA's fleet of four "Great Observatories," the other three being the Hubble Space Telescope, AXAF (Advanced X-Ray Astrophysics Facility to be launched in 1998) and SITRF (Space Infrared Telescope Facility to be launched in late 2001). CGRO was launched on April 5, 1991 aboard the Space Shuttle Atlantis. Its science includes the discovery of gamma

rays bursts, supernovae, pulsars, quasars, and black holes.

The seventeen ton spacecraft was reboosted for the first time in 1993. The orbit raising maneuver operation was modified to accommodate propulsion system concerns. These concerns were raised in 1991 by a pressure surge in the primary propulsion system which occurred when the valves were opened. A secondary propulsion system thruster became unreliable early in the 1993 reboost operations. A new reboost method using smaller orbit adjustment increments and more reboost burn days was developed to complete the 1993 orbit raising operation. Each burn was followed with engineering analysis of the spacecraft performance and attitude recovery. The same method developed in 1993 will be used for this reboost operation.

Another area of consideration in the CGRO reboost is the finite amount of fuel onboard. Fuel must be conserved at a level to provide for a "controlled reentry" at any point in the life of the

CGRO Reboost continued on page 8

GOES-K Satellite Scheduled for Launch

by Allen Kenitzer, Office of Public Affairs

Final preparations are underway at Cape Canaveral Air Station, Fla., for the launch of the Geostationary Operational Environmental Satellite (GOES)-K, the third in a series of next-generation weather satellites. GOES-K is scheduled to launch aboard an Atlas-1 rocket at 1:50 a.m., EDT, on April 24, 1997, from launch complex 36, Pad B, on Cape Canaveral's Eastern Test Range.

"Everything is ready and we're prepared to support an April 24 launch," said Marty Davis, NASA GOES project manager. "The launch processing has gone quite smoothly and we're in good shape."

The GOES satellites are geostationary weather satellites developed and launched by NASA for the National Oceanic and Atmospheric Administration (NOAA) and are a key element in National Weather Service (NWS) operations and modernization initiative. NOAA is responsible for program funding and the in-orbit operation of the satellite, and also determines the need for satellite replacement. Once the satellite is launched and checked out, NOAA assumes responsibility for the command and control, data receipt and product generation and distribution.

On-orbit, GOES-K will be joining GOES-8 (I), the first satellite in the GOES-I-M series, launched in April 1994, and GOES-9 (J), the second satellite in the series, launched successfully May 23, 1995. Though similar to the previous two GOES spacecraft, GOES-K has had improvements made over its two predecessors. In addition, GOES-K will not immediately be placed into service, but instead, will be "stored" on-orbit until the aging GOES-8 spacecraft is deactivated. Both GOES-8 and 9 are still operational and have a designated life of five years, however, both have experienced problems. Also, there is concern with access to launch vehicles at the end of the decade due to increased launch rates. Consequently, NASA and NOAA management decided to accelerate the 1999 launch date of GOES-K and "store" the spacecraft on orbit until needed.

"This storage on-orbit concept will save ground storage costs, retesting costs, and assure almost immediate replacement on orbit," Davis said.

In 1983, NASA signed an agreement with NOAA to design and build a new generation of weather satellites. "The overwhelming acceptance of the GOES 8 and 9 data by the NWS has shown that NASA has met this goal," Davis added.

NASA Goddard is responsible for the procurement, development and verification testing of the spacecraft, instruments and unique ground equipment. Following deployment of the spacecraft from the launch vehicle, GSFC is responsible for the mission operation phase leading to injection of the satellite into geostationary orbit and initial on-orbit satellite checkout and evaluation.

"The new series of GOES satellites provides significant improvements over the previous GOES system in weather imagery and atmospheric sounding information," Davis said. "This enhanced system improves weather services, particularly the timely forecasting of life- and property-threatening severe storms."

"We've already seen the impact that the new state-of-the-art satellites have had on weather forecasting," said Dennis Chesters, NASA GOES project scientist. "For example, fog is now very well observed before dawn, which is an important aid to aviation weather forecasting."

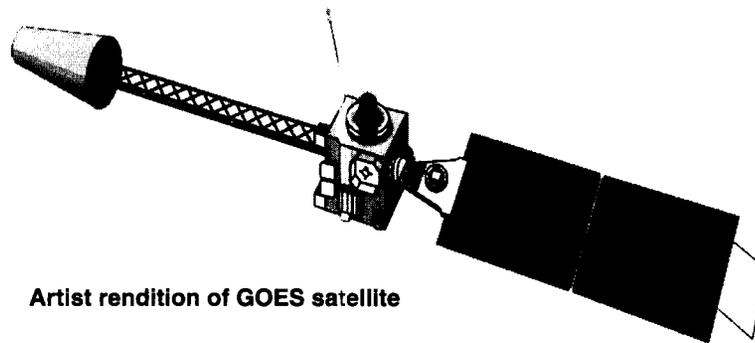
Goddard designed the satellite to operate in geosynchronous orbit 22,240 miles (35,790 kilometers) above the Earth, thereby appearing to remain stationary. In addition, Goddard

developed the GOES I through M satellites with a three-axis body stabilized spacecraft design. This enables the satellite to "stare" at the Earth and provide more frequent images of clouds, Earth's surface temperature and water vapor fields, and to sound the atmosphere for its vertical thermal and vapor profiles.

In the past, scientists from environmental service agencies have stated a need for continuous, dependable, timely, and high-quality observations of the Earth and its environment. The new series of GOES satellites provide half-hourly radiometric observations to fill that need. The instruments on board the satellites measure Earth-emitted and -reflected radiation from which atmospheric temperature, winds, moisture and cloud cover can be derived.

Processed data are received at the National Weather Service's National Center for Environmental Prediction (NCEP), Camp Springs, Md., and at NWS forecast offices across the United States.

GOES-K data products also are used by commercial weather users, universities, the Department of Defense, NASA, and the global research community. Users of the GOES products also can be found in the air and ground traffic control, ship navigation, and agricultural sectors.



Artist rendition of GOES satellite

Stress Management for Uncertain Times

by Marian T. Humphrey, LCSW-C, Employee Assistance Program



Picture yourself on the banks of a winding river in West Virginia. It is a warm and sunny July morning. The sky is azure blue and the clouds overhead are like cotton balls. You have decided to be adventurous and test your nerve against the river in a white water raft ride.

If you have ever had the opportunity to experience white water rafting, it can be described as both an exhilarating as well as scary experience. The unpredictability of white water rafting has been used as a metaphor to describe the present climate of change. The skills that we find useful in navigating white water may also serve us in attempting to cope with life's daily stressors.

Successfully managing stress is like effectively navigating white water. In both instances, we need to be alert to the signals our bodies send. Daily exercise reduces stress, helping us replenish the mental energy we expend and prepare for physical challenges.

Focusing on personal and professional goals is critical to successfully navigating through one's career. When was the last time you examined your career goals? In dynamic times, discussing these goals with an expert can be helpful. Consider scheduling a consultation with the on-site career counselor, Mac Sadoris at 6-5794. He will help you to examine your career aspirations and interests and how they fit into the changing workplace.

Success requires adaptability and flexibility, particularly in these dynamic times. As the needs of our customers change, we need to be able to adapt to ensure we continue to provide excellent support. Becoming inflexible is an emotionally isolating position to assume in life. Consider adopting the Eastern philosophy of Akido

(way of non-resistance) or "going with the flow" in your life. Going with the flow helps maintain your blood pressure at a lower level.

Career management, like white water rafting, requires self-reliance, trust in our own abilities, and the possible assumption of a leadership role. Experience and training are still valuable tools in preparing for these eventualities!

In a multi-person raft, one cannot successfully navigate the white water unless the rafters work as a team. At work, it is equally important that we operate as an effective team member. As such, we need to function interdependently, relying on the ideas and insights of others as complementary to our own. Eliciting feedback on our ideas or concerns from others whom we trust can be quite useful. I encourage people not to keep things that are bothering them bottled up inside. Rather, trust your significant other or find someone you can trust and let your true feelings out.

Try to view life as an adventure and not a chore, even when times are tough. Adopting this more positive attitude can lower your blood pressure and make life's journey a lot more fun! Manage your stress by taking a break from the hectic pace from time to time. Reenergize with a vacation or a "mental health" day. Your renewed perspective and increased energy level will pay off in dividends!!

The Employee Assistance Program (EAP) is an on-site, confidential resource for civil servants and members of their immediate families. The EAP is not just for drug or alcohol related concerns. EAP also assists people with personal, family, or work-related issues, helping them achieve resolution to complex life concerns. EAP is a short-term counseling service which provides assessment, referral, and crisis intervention. The EAP office is located in the Health Unit-Building 97. For a confidential appointment please contact me at 6-6667.

Kudos!

Congratulations to
Dr. Leonard F. Burlaga

on his recent election as a
Fellow of the American Geophysical Union.

Congratulations to
Dillard Menchan

for being selected to receive the 1997 Outstanding
Community Service Award from the United Cerebral
Palsy Association (UCPA).

Congratulations to

Joe Rothenberg and John Mather
for being selected to *Aviation Week* Hall of Fame

A CLOSER LOOK AT



by **Robert Gabrys, Education Officer, Office of Public Affairs**

Educational activities related to Goddard enterprises and the Goddard education framework continue to flourish. Goal 3 of Goddard's Plan for Implementing NASA's Strategies for the 21st Century is now serving as a major focal point for our efforts.

Preparation for summer activities is in full swing as we begin to identify student and teacher intern sites. Anyone interested in working with a summer intern is invited to call **Elaine Lewis** at the Goddard Education Office (67356) to work out details. We are very interested in converting our internship requests of scientists, engineers, and technologists, from public service enterprises to genuine support for the work that is going on at Goddard. Hence, we are beginning early to identify possible matches that will make the experience an educational one for the intern and a support to Goddard staff. We are anticipating interns from the high school and community college student population, as well as from the metropolitan area teacher staff. **Elaine Lewis** is also contacting each of the Education Council members to identify both work and funding sources. Please feel free to discuss opportunities with your directorate Education Council representative as well.

Two exciting programs this summer relate to the Goddard Education Urban Initiative. The urban initiative, coordinated by **Michael Parrish**,

Goddard Education Specialist, is an effort to ensure that our urban students and teachers, particularly in the District of Columbia and Baltimore City, are participating in our education programs, and receiving support from Goddard. Goddard Education will be operating two new programs this summer. The first is a partnership program with the National Security Agency. This program is a two week residential program for approximately 140 middle school learners and another two week residential program for 140 high school students related to mathematics, science, and technology. The program operates through the University of Maryland Eastern Shore Campus in Salisbury, MD. Goddard is sponsoring 15 middle and 15 high school students from D.C. and Baltimore. Additionally, **Stephanie Stockman** (170) will be conducting a course for the program on Mission to Planet Earth (MTPE) and earth system science. We will also hold a one-week workshop for the teachers of the 30 students so that follow up activities can occur during the school year.

Additionally, Goddard Education has been selected by headquarters (Debbie Gallaway, Code FE) as a pilot site for the National Education Workshop related to improving mathematics, science, and technology instruction in the classroom. Modeled after the NEWMAST and NEWEST programs, This program will focus on MTPE and Space Science Sun-Earth Connections and their linkages to state systemic initiatives. The program will operate for one week at Goddard from July 13-19, 1997. The program is being coordinated through the National Science Teachers Association (NSTA) and Wendell Mohling.

The Goddard Space Experiment Module (SEM) program that has been coordinated by **Ruthan Lewis** of Code 740.3 is being reviewed for agencywide implications for such programs as SSIP and NEWMAST. The program offers the advantage of allowing teachers who go through our programs to have the option of follow-up work on experiments they designed to be completed at the school level and then be submitted for manifested shuttle flights. Additionally,

Keith Koehler and **Bruce Underwood** of Wallops are working with us to expand the effort in the area of balloons and sounding rockets. A team has been established to prepare a proposal for headquarters on linking to agency programs. Team members include: Cochairs **Ruthan Lewis** (740.3) and **Bob Gabrys** (130.3), Pam Mountjoy (Headquarters Code FE), **Cathy Dankewicz** (722), Kathy Thornton (astronaut), **Chris Dunker** (740.3), **Elaine Lewis** (130.3), **Keith Koehler** (130-Wallops), and **Bruce Underwood** (802).

As a result of a Goddard Education meeting and follow-up activities in Connecticut with key science leaders at the state level from both formal and informal education groups, as well as Space Grant and Educator Resource Center representatives, **Al Byers**, Goddard Aerospace Specialist, accepted an award to NASA Goddard for its support in the Connecticut school science reform. Connecticut is one of the 10 states and District of Columbia to be served by Goddard education.

On the acronym front, please note that the former Teacher Resource Center and the Regional Teacher Resource Centers, now have new names. They are Educator Resource Centers (ERCs). The name change allows the services of the Resource Centers to be more clearly identified as available not only to classroom teachers, but to all educators, including parents, who are trying to help their children.

For more information browse our homepages at Goddard Homepage:

<http://www.gsfc.nasa.gov/>

Goddard Education Homepage:

<http://pao.gsfc.nasa.gov/gsfc/educ/educ.htm>

1997 CALENDAR OF EVENTS APRIL

- 4/23 Director's Lobby Meeting, Bldg. 22 for Code 900
- 4/24 GOES-K Launch at 1:50 a.m. EDT at Cape Canaveral Air Station, Fla.
- 4/23 Earth Day 1997
- 4/27 Community Day at the Visitor Center

GOAL 3 To enhance the Nation's technological and scientific literacy by sharing the information and knowledge that result from the performance of Goddard's mission.

A DAY WITH NASA

by Eraina R. McCoy, Office of Public Affairs

Approximately twenty-five Goddard Space Flight Center scientists and engineers visited the Henry Ferguson Elementary School in Accokeek, Md. on March 27 to talk with students about a variety of NASA programs. This visit was part of a Goddard sponsored educational program called "A Day With NASA".

"A Day With NASA" is designed to promote the learning of math and science in elementary schools. The program combines classroom activities which enhance the existing curriculum with Goddard scientists and engineers visits to encourage and excite the students.

Leslye Boyce, a Goddard Earth Observing System engineer and one of three developers of the "A Day With NASA" program, said "it is our goal, using many of the exciting NASA projects to encourage children to learn math and sciences."

Topics to be discussed during the visit are: Exploring the Universe, Exploring the Solar System, Earth Science, The Earth/Moon, and Living and Working in Space. Each presentation was designed to address a particular age group of students and has

the students actively engaged in the topic.

In preparation for the March 27 school visit, teachers were provided activity books for the students and trained by one of Goddard's Education Office employees to model the activities and answer any questions. An assembly led by Joan Sanders, a Goddard aerospace education specialist and another developer of the program, was recently conducted at the school. During this event, Sanders provided an overview of NASA covering such topics as the Hubble Space Telescope Second Servicing Mission, astronaut food, space suits, and rockets to name a few.

Boyce said that "teachers and children have gone 'way out', doing even more

activities than we originally asked. The students of Henry Ferguson Elementary School have decorated the corridors of the school and labeled each corridor with a theme relating to NASA. Examples of these names are Galaxy Way, Solar System Row and Moon Alley. Students also displayed journals in the corridors entitled 'If I Were An Astronaut'."

Elaine Lewis, Goddard education specialist and third developer of "A Day With NASA" program, indicated that many of the students' artwork will be displayed at Goddard on April 21 during National Science Week. "The children will actually decorate the lobby of Building 8 themselves for this exhibit," said Lewis.



It was a full-house for Goddard's visit. Over 700 students were enthralled by "Living in Space" demonstration

GODDARD CELEBRATES CAREER WEEK AT SPRINGHILL LAKE ELEMENTARY

David Fair, Outreach Coordinator at the Goddard Visitor Center, entertained over 700 students with his "Living In Space" demonstration. Monica Molina from Mrs. Spicer's class volunteered to demonstrate the spacesuit. As you can see from the photo above the house was packed. I believe we've gained some future scientist and engineers from our efforts at Springhill Lake.

David Fair, Outreach Coordinator at Goddard, helps student volunteer Monica Molina model the spacesuit for the audience.

Corrections to the "Antarctica" article in March Goddard News, pgs. 4-5

In Hot Facts:

90% of the Earth's ice and 70% of its fresh water supply are contained in Antarctica

Depth of the ice at the South Pole proper is more than 9,500 ft.

Only about 3,000 persons have ever traveled to the South Pole, however, many, many more persons have actually visited and/or worked on the continent

Mean annual temperature is -70 degrees F.

In Science Already Being Done in Antarctica:

The LIDAR Observations of Troposphere, Stratosphere, and Mesopause are actually being conducted by **Jonathan Rall** and **Jim Abshire** of Code 924 in conjunction with the University of Illinois.

Subscription Information (contacts):

GSFC & WFF Mailing List
-Gweny Durrah, Code 239
Offsite/Commercial Subscriptions
-Darlene Ahalt, Code 130
Retiree Subscriptions
Bob Wilson (301/422-8334)

For more facts on Antarctica visit the Antarctic Support Associated Webpage at:
<http://www.asa.org/nsfa/backgnd.htm>

Thanks to the eagle eyes of **Jonathan Rall** for helping GNEWS get the facts about this "cool place!"

CGRO Reboost continued from page 3

mission, or once the spacecraft orbit degrades to the re-entry orbit altitude of 350km. This reserve fuel allows mission operations personnel to control when and where the spacecraft re-enters Earth's atmosphere.

A further area of interest in the orbit raising activity of this "Great Observatory" is in the mission operations for CGRO which is transitioning from a mainframe system to a PC-based system. The PC-system will not be fully operational during the reboost. All of the operational ground system reboost activity will be accomplished by the current mainframes, and the PC-based systems will shadow the event providing added coverage and playback capability for post-event

Send Inquiries to:

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(Contacts Code ###),
Greenbelt, MD 20771**

analysis. The PC-based system is state-of-the-art, and the Mission Operations Center is looking forward to the migration in the near future.

March 24 and March 26 began the engineering test burns which provide Mission Ops data that is analyzed prior to reboost. April 1-3 and 5-6 is when reboosting will actually occur. A five to six-week break ensues before the final few burn days take place at the beginning of June. This will complete orbit maintenance operations allowing science, contributed by the Compton Gamma Ray Observatory, to continue uninterrupted until the year 2009.

Earth Day '97

by Denise Konopka, Facilities Management Division & Jennifer O'Connell, Office of Public Affairs

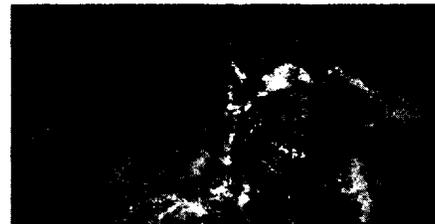


Image of the Earth taken by GOES Satellite

To kickoff Goddard's Earth Day activities there will be a Centerwide "Spring Clean" from April 7 to April 22. Employees are encouraged to recycle all unneeded materials.

Goddard will celebrate Earth Day in style this year at a lunchtime event on Wednesday, April 23 beginning at 11:30 a.m. Employees are invited to "Go Green with Goddard," and attend an ol' fashioned picnic "Lunch on the Mall," that will be hosted by Hanna-Barbera's Captain Planet, appearing live. Director Rothenberg will open the event at 11:30 a.m. and be followed by a guest appearance by Jack Eden, well known gardening columnist, author and radio & television personality. Earlier that morning, 200 elementary school students will attend an indoor assembly about how NASA studies the Planet Earth and positive contributions people can make. The students will join Goddard employees for the picnic lunch and the first 500 who recycle their lunch packaging will receive a free gift! For further information, contact Denise Konopka (x-6-1382) or Deanna Trask (x6-8526) of the Facilities Management Division.



The GODDARD NEWS is published weekly by the Office of Public Affairs, Goddard Space Flight Center, Greenbelt, MD 20771

Deadline to submit material is close-of-business Friday each week. For additional information contact Susan Capretti (301) 286-0040.

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