

VOLUME I

**Observations and Recommendations of CDIE's TDY Team
at the Conclusion of the
Managing for Information Technology Empowerment (MITE) TDY**

**A Report Submitted to
USAID/Jakarta
October 25, 1996**

Submitted by
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DRAFT

I. BACKGROUND

A TDY team from the USAID Center for Development Information and Evaluation (CDIE) provided technical assistance and training to the USAID/Indonesia Natural Resources Management Strategic Objective Program (USAID SO3) and to other USAID/Indonesia mission staff. The team undertook three tasks: (1) surveying information resources and needs for USAID SO3; (2) preparation of an implementation plan for the SO3 information communications system to be used by USAID and SO3 implementing groups; and (3) training USAID SO3 team members and other USAID staff on using Internet and accessing CDIE information resources.

II. SUMMARY OF THE TDY

On the first day of the TDY, team members met with Homi Jamshed (O/FIN), Benjamin Stoner (REM/SO3), Irwan Suryadi (REM/SO3) and Bruce Johnston (ARD Consultant) to discuss the schedule of the team members (Appendix A), expectations, and logistical issues. We decided to focus most of our attention during the first week on the SO3 team and tasks, and provide the Internet training during the second week of the TDY.

All four TDY team members attended the first survey meeting with the Sustainable Development Network Program (SDNP); and two team members (primarily Nick Wedeman and Steve Gale) met with each of the other 11 environmental partners over the course of the two weeks. During the survey meetings, we assessed their information needs, resources and information sharing capacity. To facilitate the surveying process, Heather Crawford and Chris Cochran met with Bruce Johnston to discuss Jakarta's Internet Service Providers (ISPs) and the level of connectivity and access to the Internet in Indonesia (see Appendix B).

During the first week, in addition to the SO3-specific tasks, team members prepared for the group Internet training sessions. All team members participated in meetings with various mission staff to ascertain training needs and focus on specific training areas. In addition, the TDY team met to discuss results and plan the training and surveying. Appendix C presents the TDY promotional documents developed by the CDIE TDY team.

Team members prepared a course syllabus and glossary of needed terms (Appendices D and E) for distribution, as well as a training guide used to instruct the class (Appendix F). The team also created a survey form which was given to students upon completion of their training class (Appendix G). For preliminary survey results, see Appendix H. [Analysis of the survey comments is forthcoming.]

Prior to the first training course, the TDY team also set up the computers in the training room to ensure that Netscape was installed and functioning. Heather Crawford collected web page links from each TDY team member and created a CDIE bookmarks file using HTML codes. The bookmarks file lists all web page links by sector. That file was copied to each training room computer to facilitate group training (Appendix I).

Additional meetings occurred during the two-week period, such as a meeting, attended by Heather Crawford and Chris Cochran, on the development of the USAID/I World Wide Web (WWW) home page. This meeting, held at the World Trade Center, included USAID, USIS, and US Commercial Service (USCS) staff. The TDY team gained an understanding of the web page development capacity and level of USAID and used that knowledge in the training sessions. Also, at the request of Anthony Chan (EG/SO1), Heather Crawford and Steve Gale met with members of the Economic Growth SO team to discuss data requirements and SO indicators for their projects.

With respect to sustainability and the improved utilization of CDIE resources, several sessions took place. Chris Cochran met with Rachmah Batarfie, USAID/I Information Center, to discuss Internet training needs and the Information Center's role in Internet training sustainability once the TDY team leaves. They also discussed the role of CDIE and the Development Information Center in Washington in providing resources and support for USAID/I's continued information needs.

During the second week of the TDY, team members provided training on ESDS (statistical data services) and CD-DIS (USAID's project/technical reports and projects databases) to 8 mission staff members (mostly from SO3). Heather Crawford created a directory on the LAN and copied datasets to the directory for mission-wide utilization, and developed a binder containing diskettes of each dataset by source, all the technical notes for the data sources, and additional materials relevant to the datasets contained in the binder. Finally, prior to a discussion by Steve Gale on the recent CDIE evaluation of environmental indicators, team members gave brief presentations on ESDS and R&RS services, as well as DIS acquisitions procedures.

The TDY team trained 64 USAID/I staff during the TDY (Appendix J). Nine group Internet training sessions, lasting 2 hours each, were held during the second week of the TDY. Below is a breakdown of the individuals trained by SO team and office:

SO Team or Office	# Trained
SO1 (Economic Growth)	7
SO2 (Population, Health and Nutrition)	6
SO3 (Rural Environmental Management)	17
SO4 (Urban Environmental Management)	6
SO5 (Democracy and Governance)	10
Office of Finance	4
Office of Contract Management Services	4
Executive Office	6
Legal Advisor's Office	1
Office of the Director	3

The strong focus of this TDY team on SO3 is apparent from the above table. We found that the originally scheduled 4 sessions were insufficient, and added 5 additional sessions as a result of mission staff demand.

The Internet training course focused on four main points: 1) a description of the Internet, including a brief history, the types of Internet resources, and methods of accessing Internet resources; 2) how to get on the Internet; 3) key features and options in Netscape, including saving and retrieving HTML files, saving and using bookmarks, and printing files; and 4) how to explore the WWW and use search engines to conduct Internet research. Time was spent exploring the USAID internal home page. Participants were shown how to access information about the NMS, and how to do a search on the USAID internal home page.

III. OBSERVATIONS, LESSONS LEARNED AND RECOMMENDATIONS FOR FOLLOW-UP

■ Mission Internet Access

Currently each SO office has one computer with Internet access, and there is an additional computer with Netscape located in the Information Center. Now that the team has trained 64 staff members, it is likely that demand for Internet access will increase. The Mission should consider loading Netscape onto all personal computers in the Mission. This is especially relevant given the Mission's goal of increasing the information sharing and use capacity of electronic resources.

■ USAID/Jakarta WWW Homepage

The Mission is moving ahead with plans to develop its own homepage on the U.S. Embassy web page. We strongly agree with these plans as a way to provide better communications and shared information. This will be an internal web page initially, but the Mission may wish to consider eventually developing an external (or public) USAID/I homepage accessible to development partners and other donor agencies in Indonesia and overseas.

■ Sustainability

Since the USAID/I Information Center already has access to the Internet over one computer, and since the librarian there has gone through the Internet training (and has, in fact, been using the Internet for some time), she should be considered a point of sustainability for Internet training in the Mission. As staff rotate into the Mission and need Internet training, the librarian could arrange one-on-one training sessions of perhaps an hour's length for an individual. CDIE can always serve as a backup resource should there be questions the librarian cannot answer.

One individual, identified by Homi Jamshed as the person responsible for providing additional Internet training, was asked to assist with several group Internet training sessions.

She attended the first Internet training session, but we felt she would benefit as a result of the assistance provided in several sessions. She was given suggestions on the focus of future training, and advised on HTML editors. The person continuing the training needs to be properly trained and prepared to answer questions and perform troubleshooting on Internet and the tools available to the staff. Investment in advanced training might prove beneficial and may assist with the process of developing a USAID/I web site.

■ **Incorporating Information and Communications Technologies in Development**

There are a number of technologies available that facilitate increased communication and information sharing for development. Several of these technologies are already in use at the Mission (e.g., email, WWW). With respect to the tasks associated with the SO3 *Secretariat*, please see Volume II of this report.

**MISSION INFORMATION TECHNOLOGY EMPOWERMENT [MITE]
OCTOBER 14-25, 1996**

WEEK ONE

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00	Intake Meeting	Setup / ARD (3)	IBP (5) / prepared syllabus and training materials	Compile training materials; Develop bookmarks file using HTML	Set up training room
9:00-10:00					
10:00-11:00	Sustainable Devel. Network Program (SDNP) (1)	Preparation for and meeting with Mission Dir & SO teams	LATIN (6)	USIS WEB MTG / WWF (9)	Intro to training class for Homi Jamshed
11:00-12:00					
1:00-2:00	The Nature Conservancy (2) / Bruce Johnston	developed schedule matrix, discussed deliverables/issues	KEHATI (7)/ read SO3 and other materials	SO1 Meeting	GROUP INTERNET SESSION
2:00-3:00					
3:00-4:00	WRITE-UP		PALAGI (8)	Meeting with Ben Stoner	
PM:		University of Rhode Island (4)			

**MISSION INFORMATION TECHNOLOGY EMPOWERMENT [MITE]
OCTOBER 14-25, 1996**

WEEK TWO

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-9:00			SO3 Team Mtg	CIFOR (10) - 7:45AM - 12:00PM	SO4/Gellman Meeting
9:00-10:00	GROUP INTERNET SESSION	GROUP INTERNET SESSION	ESDS and CD-DIS training	GROUP INTERNET SESSION	GROUP INTERNET SESSION
10:00-11:00			GROUP INTERNET SESSION		
11:00-12:00		Info. Center training	CDIE resources introduction and Indicators discussion	GROUP INTERNET SESSION	Report writing
1:00-2:00	GROUP INTERNET SESSION	GROUP INTERNET SESSION			GROUP INTERNET SESSION
2:00-3:00					
3:00-4:00		ESDS and CD-DIS training / "OUTLINE" and ranking	Report writing	WALHI (11) / Report writing	
PM:					

**Notes taken during a meeting with Bruce Johnston
Monday, Oct. 14, 1-2:30pm**

Internet Service Providers (ISPs)

According to Mr. Johnston, there were no ISPs in Indonesia 3 years ago, and now there are 20-30 nationwide. However, service is poor and access a problem. There are not enough ports, for example, to deal with users dialing in, and the companies do not currently buy enough bandwidth. People are frequently kicked off the system due to inadequate hardware support and bandwidth.

The postal office in Indonesia is developing email connectivity in all their offices, and the World Bank is spending \$400 million to help build a backbone in the country.

The PUSATA network, run by the Ministry of Industry and Trade, is a good online provider. According to Mr. Johnston, they are the best in town. However, they do not use software like Netscape but rather use shareware which is not as reliable. Also, this ISP does not service the private sector. Their effort, however, might appeal to NGOs, who might be interested in using this network.

Connectivity

When using 9600 baud rates, there is 60-70% reliability; at 2400 baud, access to providers is pretty reliable but obviously very slow and inadequate if one is seeking to use the web. To have a 28.8K leased line, the cost is around \$1,000-\$2,000 per month. For an ISDN line, one would pay around \$3,000 for installation, and around \$3,000 per month for access.

Telephony is completely unregulated in Indonesia. Mobile cellular phones are being promoted (cheaper than installing phone lines), but for data exchange this is not feasible.

If one considered the connection from the user to the provider to the web sites, the problem is not the web sites. The problem is not the provider. The problem is the phone connection between the user and the provider.

Data

Mr. Johnston said that the companies with which he works cannot send data by modem, unless the data are sent as uuencoded attachments. Character-based files, and tables, can be sent easily by email. The problem is really the graphics on the World Wide Web (WWW).

As organizations increase their use of WWW pages for data and document dissemination, the use of advanced graphics and other web features also increases. However, this increasingly shuts out users in countries like Indonesia who cannot afford to sit and wait for graphics to download, or perhaps do not even have access to anything but email, file transfer protocol, telnet, and maybe a text-based web

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browser.

The government's Bureau of Statistics collects 90% of the government data and disseminates it to other agencies at cost. It is a nationwide network funded in part by the Japanese Government (\$20M). All the data are stored in SAS, but one record might be 12MB long. This means that there are no PC-level software packages that allow one to translate that data into something more user-friendly. The positive aspect of this bureau is that it is apolitical. However, the issue of the size of the records, as well as the data costs, makes accessing this data difficult for NGOs and others.

There is no real time series gathered and stored in a database. Once a data set is used to produce an annual report, the data tend to be stored on a diskette which is then shelved.

The transfer of data from the government is very difficult. Government agencies are reluctant to disseminate data, particularly to NGOs. Some of the fees charged for the data are prohibitive. Even if required to disseminate essentially public data by law, ministries will not give data to NGOs. Now, this is not such a problem in the areas of economic, finance, and urban development.

Suggestions

Subsidize NGO data transmission

Indicators at the programmatic level: Considerable technical assistance will need to be focused on training the NGOs and local people. They do not know how to collect data, and need to be trained on what indicators are useful, etc. This technical assistance will need to be budgeted in the projects. Also, Mr. Johnston indicated that NGOs will resist gathering data on indicators, because this is not seen as their role or job.

MISSION INFORMATION TECHNOLOGY EMPOWERMENT (MITE)

I WHAT IS MITE?

- USING INFORMATION TECHNOLOGY (IT)
- ACCESSING THE INTERNET
- SHARING INFORMATION

II WHY IS IT IMPORTANT?

- DECLINING RESOURCES
- INCREASING INFORMATION NEEDS
- ADDITIONAL REPORTING REQUIREMENTS (R4, GPRA, APR)
- FOSTER SUSTAINABILITY (DEVELOPMENT PARTNERS)

III WHAT ROLE CAN SENIOR MISSION STAFF PLAY?

- SHOW BY EXAMPLE (LEADERSHIP)
- STRENGTHEN REENGINEERING (EMPOWERMENT)

III WHO SHOULD PARTICIPATE IN MITE?

- CONSUMERS (TO KNOW WHAT IS AVAILABLE)
- PRACTITIONERS (TO GET/USE THE LATEST INFORMATION)

IV WHAT SERVICES CAN MITE PROVIDE?

- SMALL GROUP HANDS-ON WORKSHOP
- CUSTOMIZED ONE-ON-ONE TUTORIALS
- GROUP OR INDIVIDUAL IN-DEPTH SECTOR FOCUS

VI POSSIBLE NEXT STEPS?

- EXPAND MITE TO COVER ALL SECTORS
- TRAIN IN JAKARTA AND THE FIELD
- PILOT TEST MITE FOR BUREAU OR AGENCY USE
- DEVELOP MITE SPECIALISTS (TEAM "IT" CHAMPIONS)

GROUP INTERNET TRAINING SESSIONS BY MITE

YOU WILL:

- 1. LEARN THE POWER OF THE
INTERNET**
- 2. BE ABLE TO LOGON AND
NAVIGATE ("SURF THE WEB")**
- 3. VISIT YOUR FAVORITE HOME
PAGE**
- 4. HAVE ALL YOUR QUESTIONS
ANSWERED**

**INTERESTED? DIAL CALL OR EMAIL
RACHMAH BATARFIE AT EXT. 2385 OR
BY EMAIL.**

DON'T WAIT!!

INDIVIDUAL INTERNET TRAINING BY "MITE"

YOU WILL:

- 1. WORK ONE-ON-ONE WITH A MITE
TEAM MEMBER**
- 2. LEARN WHERE TO FIND SECTOR-
SPECIFIC INFORMATION**
- 3. BE ABLE TO USE ADVANCED
INTERNET SEARCH TECHNIQUES**
- 4. BECOME FAMILIAR WITH
DOWNLOADING AND PRINTING
INTERNET FILES AND SOFTWARE**

**INTERESTED? CALL RACHMAH
BATARFIE AT EXT. 2385 OR BY
EMAIL.**

DON'T WAIT!!

Group Internet Training Sessions
Syllabus

- I. Description of Internet
 - INTERNET
 - Definition
 - Brief History
 - Types of Internet Resources
 - Full-text, statistical and bibliographic databases
 - Electronic journals and discussion lists
 - Library catalogs
 - Internet search tools
 - Software and graphics
 - Methods of Accessing Internet Resources
 - Email / Listservs
 - Telnet
 - File Transfer Protocol (FTP)
 - Gophers
 - World Wide Web (WWW)

- II. How to get on the Internet
 - Current use of Internet: Email
 - Using Netscape to access the Internet

- III. Key features and options in Netscape
 - Opening up an HTML file
 - Saving a page or file as a bookmark
 - Printing and saving files (HTML, ASCII, etc.)
 - Copying and pasting URLs and web page text
 - Options in Netscape (Preferences, Home page setup)

- IV. How to visit a home page
 - Explore the USAID internal site, highlighting information on the NMS
 - Visit 2 or 3 sites listed on the CDIE page bookmark
 - Type in some URLs and save them as bookmarks
 - Do a sample search using search tools
 - Explore sites listed on the CDIE page bookmark

- V. Questions and Answers

APPENDIX E

INTERNET BASICS: A Glossary¹

Bookmarks — List of World Wide Web addresses saved for future and recurrent use.

Browser — Software that lets users access the World Wide Web. The most common browsers are *Netscape* and *Mosaic*.

Discussion Lists — Electronic conferences on a particular subject to which a user "subscribes". Various software programs are used to run these lists, including Listserv, Listproc, and Majordomo.

FTP — File Transfer Protocol. A file transfer function which allows you to connect to a remote computer and copy files to or from the remote computer very quickly.

Gopher — A multipurpose software tool that allows the storage of electronic texts for interactive searching, viewing, and retrieval on a text-based menu structure.

HTML — Hypertext Markup Language. Computer language designed for processing and defining the presentation of a WWW page.

HTTP — HyperText Transfer Protocol. Computer protocol used for moving hypertext documents across the Internet. Part of the web address (e.g., <http://www.worldbank.org>).

Hyperlink — A code embedded within a hypertext document that allows you to "link" immediately to another document or WWW site located anywhere on the Internet.

Hypertext — Electronic text that has been formatted for the WWW.

Internet — A network of computer networks based on logical one-to-one linking of computers via standard protocol software.

Listserv — see *Discussion Lists*

Newsgroups — ... (e.g., Usenet)

Search Engines — Various software programs (e.g., Web Crawler, Alta Vista) that facilitate the search for relevant information on the Internet.

Telnet — Command that initiates a direct one-to-one interaction with another Internet computer. (Allows the user to logon to a computer from a remote location).

URL — Universal Resource Locator. The "address" of a site on the World Wide Web (e.g., <http://www.info.usaid.gov>). At this web site are located the individual web pages.

World Wide Web (WWW) — Internet tool that enables the transmission of text, graphics, and sound with hypertext features. Also allows for direct access to all currently available internet tools (FTP, gopher, http).

¹Adapted from: Peter Higgins, "The World Wide Web: an Introduction", *Information Development*, Vol. 12(3), September 1996, p. 145-148; Diane K. Kovacs, *The Internet Trainer's Guide*, New York: Van Nostrand Reinhold, 1995.

Group Internet Training Sessions
Training Guide

Ask each user to describe their access to Netscape and the World Wide Web

I. Description of Internet

- INTERNET
 - Definition: The Internet is physically a network of connections via cable and satellite which links together computers which understand the Internet protocol and can therefore route information in one form or another on to other computers. It is not governed or owned by anyone.
 - Brief History: The Internet was developed in 1965 by the U.S. Defense Dept, who linked three university computers for scientific research purposes. This network, called ARPAnet after the Advanced Research Project Agency of the Department of Defense, grew to include more research establishments, but you had to have some DOD funding to connect. In the early 1980s the National Science Foundation recommended the establishment of a group of supercomputers to support the computing needs of the R&D community. This led to the setup of a computer network that linked government, industrial and academic scientists and engineers.
- Types of Internet Resources
 - Full-text, statistical and bibliographic databases
 - Electronic journals and discussion lists
 - Library catalogs
 - Internet search tools
 - Software and graphics
- Methods of Accessing Internet Resources
 - Email / Listservs
 - Telnet
 - File Transfer Protocol (FTP)
 - Gophers
 - World Wide Web (WWW)

II. How to get on the Internet

- Current use of Internet: Email
- Using Netscape to access the Internet: Based on preliminary questions asked at the beginning of the course, determine how basic this needs to be. We can do the "double-click on the Netscape icon" or just tell people to enter Netscape.

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III. Key features and options in Netscape

- Opening up an HTML file: Open up the file CDIE.HTM on the C:\ drive. Don't open the file BOOKMARK.HTM. Use the file that we have created, that combines links from various sites as an index of possible sources of information.
- Saving a page or file as a bookmark: To save this file, save it as a bookmark. Then it eliminates the need to Open the file in the future. With any page seen on the web, no matter where it is physically stored, we can save it as a bookmark and quickly find it when needed.
- Printing and saving files (HTML, ASCII, etc.): Basically, any page viewed with Netscape can be printed, and can also be saved to your hard drive.
- Options in Netscape (Preferences, Home page setup)

IV. How to visit a home page

- Explore the USAID internal site, highlighting NMS information (home)
- Visit 2 or 3 sites listed on the CDIE page bookmark
- Type in some URLs and save them as bookmarks
- Do a sample search using search tools
- Explore sites listed on the CDIE page bookmark (time permitting)

V. Questions and Answers

Mission Information Technology Empowerment (MITE) Evaluation and Feedback Form

Participants: Please circle the response that comes closest to how you feel about your recent IT Training.

	Strongly Agree					Strongly Disagree
	1	2	3	4	5	

USING INTERNET

1) I found IT Training helpful overall.	1	2	3	4	5
2) I learned key Internet concepts.	1	2	3	4	5
3) I was able to access the AID Homepage .	1	2	3	4	5
4) I know how to save/use Bookmarks .	1	2	3	4	5
5) I understand the basics of Search Engines (Yahoo, Lycos, Excite, etc.).	1	2	3	4	5
6) I was able to conduct at least one search.	1	2	3	4	5

IT TRAINING

7) Going to training was a "good" investment.	1	2	3	4	5
8) I would like more IT training.	1	2	3	4	5
9) Course length was about right.	1	2	3	4	5
10) Course content met my needs.	1	2	3	4	5

MAKING IT TRAINING BETTER: Three things that will make IT training better are

a) _____

b) _____

c) _____

**Mission Information Technology Empowerment (MITE)
Evaluation and Feedback Form Results**

	Strongly Agree			Strongly Disagree	
	1	2	3	4	5
USING INTERNET					
1) I found IT Training helpful overall.	23	6	4		
2) I learned key Internet concepts.	16	10	7		
3) I was able to access the AID Homepage .	27	5	1		
4) I know how to save/use Bookmarks .	26	5	2		
5) I understand the basics of Search Engines (Yahoo, Lycos, Excite, etc.).	17	10	6		
6) I was able to conduct at least one search.	22	5	5		
	(1 - no response)				
IT TRAINING					
7) Going to training was a "good" investment.	20	10	3		
8) I would like more IT training.	17	5	9	1	
	(1 - no response - said "not now")				
9) Course length was about right.	14	10	6	3	
10) Course content met my needs.	13	8	9	3	
Total number of surveys completed:	33				

CDIE TDY Team's Bookmarks Page

[Public web site for USAID](#)

[Internal USAID web site](#)

[U.S. Embassy in Indonesia](#)

[Reuters Online](#)

[The New York Times on the Web](#)

[The Washington Post](#)

[News about the Internet from Across the World](#)

[Northwest Airlines Web Site](#)

[Travel information on Indonesia and other ASEAN countries](#)

[Olsen & Associates: Currency Converter](#)

[Yahoo!](#)

[The Electric Postcard](#)

Democracy / Governance Links

- [The Aspen Institute Home Page](#)
 - [Corruption Ranking for 1996](#)
 - [The Humanitarian Community - links maintained by UNICC](#)
 - [InterAction](#)
 - [Interactive Democracy](#)
 - [Journal of Humanitarian Assistance](#)
 - [Peace and Security WWW Server](#)
 - [Political Risk Services WWW Index Page](#)
 - [Political Science Resources](#)
 - [UN Research Institute for Social Development \(UNRISD\)](#)
 - [U.S. Institute of Peace Home Page](#)
 - [WWW Virtual Library: Migration and Ethnic Relations](#)
 - [Brookings Institution](#)
-

Economic Growth Links

- [1996 National Trade Estimate Report](#), from the [Office of the U.S. Trade Representative](#). Also, click [here](#) for the 1995 report. Other reports, testimony, and agreements are available at their web site.
- [Center for Trade and Investment Services \(CTIS\)](#) -- central point of contact at USAID for U.S. business community
- [CIA Handbook of International Economic Statistics](#)
- [CommerceNet](#)

- [Country Commercial Guides, including one on Indonesia](#)
 - [Global Trade Point Network](#)
 - [International Chamber of Commerce](#)
 - [International Trade Center in Geneva: Import Statistics by Section and Product Group](#)
 - [International Trade Center in Geneva: Export Statistics by Section and Product Group](#)
 - [Internet Tradeline -- can receive a full proforma invoice for goods which are listed by participating manufacturers and provides extensive trade information](#)
 - [Penn World Tables](#)
 - [Resources for Economists on the Internet](#)
 - [Trade Compass](#)
 - [Trade Point USA](#)
 - [US International Trade Commission \(USITC\) reports and publications](#)
 - [USITC: U.S. Harmonized Tariff Schedule](#)
-

Education Links

- [1996 State of the World's Children, produced by UNICEF \(1995 Edition\)](#)
 - [Educational Resources Information Center \(ERIC\) Clearinghouses](#)
 - [Global Information Network in Education \(GINIE\) -- under development but already useful. Focus is on education for nations in crisis.](#)
 - [List of distance education resources](#)
 - [UNESCO and UNICEF](#)
 - [U.S. Department of Education](#)
 - [United States Distance Learning Association](#)
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Environment Links

- [Energy Information Administration: Energy, Statistics, Data and Economic Analysis](#)
- [EnviroLink Library](#)
- [Environmental Professional's Guide to the Net](#)
- [Environmental Resources](#)
- [Guide to Environmental Resources on the Internet](#)
- [Habitat II](#)
- [Multilaterals Project](#)
- [Online Forums for Environmental Professionals](#)
- [Resources for the Future](#)
- [Selected Water Resources Abstracts](#)
- [Sustainable Development Indicators](#)
- [U.S. Environmental Protection Agency](#)
- [UnCoverWeb Development Server](#)
- [United Nations Environment Programme](#)
- [IUCN - The World Conservation Union](#)
- [World Resources 1996-1997 and the World Resources Institute](#)
- [WWW Virtual Library: Environment](#)

Population, Health and Nutrition Links

- [The Body: A Multimedia AIDS and HIV Information Resource](#)
 - [Demographic and Health Surveys \(DHS/CIHI\) and Country Fact Sheets](#)
 - [Demography and Population Studies: WWW Virtual Library](#)
 - [Health on the Net Foundation \(telemedicine resources, etc.\)](#)
 - [HIVNET](#)
 - [HIV/AIDS Surveillance Database, produced by the U.S. Census Bureau](#)
 - [Institute for Agric. and Trade Policy: Global Food Security Resources](#)
 - [United Nations Population Information Network \(POPIN\)](#)
 - [U.S. National Library of Medicine](#)
 - [World Food Programme: Food Aid Monitor Tables](#)
 - [World Food Summit \(November 1996\) home page](#)
 - [World Health Organization \(WHO\)](#)
 - [WHO Statistical Data System](#)
 - [World Wide Web Virtual Library: AIDS](#)
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General Links

- [Asian Development Bank](#)
 - [Bilateral Partners](#)
 - [Australian Dept. of Foreign Affairs and Trade](#)
 - [British Overseas Development Administration](#)
 - [Canadian International Development Agency](#)
 - [Finnish Ministry for Foreign Affairs - Department for International Development Cooperation](#)
 - [Japan International Cooperation Agency \(JICA\)](#)
 - [Chapter One -- Foreign Affairs uncover service](#)
 - [International Fund for Agricultural Development](#)
 - [OECD's Frequently Requested Statistics and OECD Press Releases](#)
 - [Testimony by Asst Sec Winston Lord on U.S. Relations with Indonesia and Other speeches, documents on East Asia and the Pacific](#)
 - [The United Nations with a separate link for the UN Development Program \(UNDP\)](#)
 - [U.S. State Dept. Dispatch](#)
 - [U.S. State Dept. Background Notes. Click here to see the file on Indonesia.](#)
 - [The World Bank](#)
 - [WWW Virtual Library: UN and other International Organizations](#)
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Databases of General Interest

- [1996 Progress of Nations, produced by UNICEF \(1995 Edition\)](#)

- [1996 State of the World's Children](#), produced by UNICEF (1995 Edition)
 - [Country profiles](#), produced by UNICEF -- data covering around 20 countries
 - [FAOSTAT database maintained by the FAO \(covering production, trade, commodity balances, population, land use, food aid, fisheries and forestry data\)](#) maintained by the [Food and Agriculture Organization \(FAO\)](#)
 - [Heritage Foundation Index of Economic Freedom 1995](#)
 - [STAT-USA - provides access to the National Trade Data Bank on a subscription basis](#)
 - [U.S. Census Bureau International Database](#)
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Selected Library Catalogs

- [Virtual Library on International Development](#)
 - [PRAXIS: Resources for Social and Economic Development](#)
 - [Statistical Resources on the Web](#)
 - [Development Information Service Online](#)
 - [Library of Congress](#)
 - [U.S. federal government information on the Internet](#)
 - [U.S. State Dept. library](#)
-

Indonesian governmental organizations, commercial companies, and newspapers/magazines

- [BPPT \(Agency for the Assessment and Application of Technology\)](#)
 - [PUSDATA \(Info. Center of the Ministry of Trade and Industry\)](#)
 - [BPS \(Central Bureau of Statistics\)](#)
 - [Foreign Ministry home page](#)
 - [Republic of Indonesia home page \(maintained by the Indonesian Embassy in Canada\)](#)
 - [Antara News Agency](#)
 - [P.T. Pos Indonesia \(state-owned postal company\)](#)
 - [Kompas newspaper](#)
 - [SWA business magazine](#)
 - [P.T. Indosat \(state-owned satellite agency\)](#)
 - [DataConsult \(Indonesian research and consulting company\)](#)
 - [IndoWeb \(provides home page production services\)](#)
 - Internet access providers:
 - [Radnet](#)
 - [IndoInternet](#)
 - [Idola](#)
 - [CBNnet](#)
 - [IBM Global Network](#)
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Online Internet Training Resources

- Introduction to the Internet
- Internet Starter Kit
- Global Village Internet Tour
- Atlas
- Beginner's Central

CDIE - INTERNET CLASS

CLASS 1
NO FRIDAY 10/18
1 - 3 PM.

- 1 Vivikka Moldrem, DIR
- 2 David Heesen, SO3
- 3 Diana Simanjuntak, FIN
- 4 Andrea Yates, SO3
- 5 Priyanto Santoso, SO3
- 6 S. Hadianto, SO3
- 7 Sianne Setiadharna, SO3
- 8 Ferdi Hasnovi, FIN

CLASS 2
MONDAY 10/21
9 - 11 AM

- Tuti Kusumastuti, SO1
- Gartini Isa, SO5
- Sherry Suryanti, FIN
- Agus Widianto, SO3
- Hanako H. Tanaka, CM
- Lita Erman, SO3
- Andy Meitono, SO5
- Yusak Oppusunggu, SO5

CLASS 3
MONDAY 10/21
1 - 3 PM.

- Homi Jamshed, FIN
- Marisi Rais, EXO
- Wouter Sahanaya, SO3
- Irwan Suryadi, SO3
- Bambang Sampurno, EXO
- Mimy Santika, SO5
- Lana Dakan, SO2

CLASS 4
NO TUESDAY 10/22
9 - 11 AM

- 1 Tjenni Manusama, SO3
- 2 Ben Stoner, SO3
- 3 Juliana Sahulata, SO3
- 4 Maya Armira Widianto, O/DIR
- 5 Leslie Curtin, SO2
- 6 Johannes Verhelst, SO1
- 7 Tim Riedler, RLA
- 8

CLASS 5
TUESDAY 10/22
1 - 3 PM

- Oemi Mochtar, SO3
- Firman Aji, SO1
- Gunawan Wijaya, SO3
- Allan Brown, SO5
- Rachmah Batarfie, EXO
- Martha Elprana, O/DIR

CLASS 6
WEDNESDAY 10/23
10 - 12 AM.

- Bob Aten, SO1
- Raya Sunjoto, SO1
- Tim Alexander, SO4
- James Leigland, SO4
- Holly Ferrette, SO4
- Edi Setianto, SO4
- Sri Parantauan, SO3

CLASS 7
NO THURSDAY 10/24
9 - 11 AM.

- 1 Mark Johnson, SO5
- 2 Justinus Nugraha, EXO
- 3 Leya Cattleya, SO1
- 4 Susi Ibrahim, EXO
- 5 Mia Cahyono, CM
- 6 Herminawati, SO4
- 7
- 8

CLASS 8
THURSDAY 10/24
1 - 3 PM.

- Bambang Sumekto, SO2
- Sharon Cromer, CM
- Titiek Soebardi, SO5
- Eleonora Christiani, SO1
- Rosaline Tjiptoprajitno, SO5
- Barbara Spaid, SO2
- Hans Simouw, CM
- Jurnalis Mukhtar, SO2

CLASS 9
FRIDAY 10/25
9 - 10 AM.

- Ketut Jati, SO3
- Dennis Cengel, SO3
- Andy Curtin, SO5
- Novalina Kusdarman, SO5
- Tuti Gambiro, SO2
- William Gelman, SO4
- Laura Rotinsulu, EXO