



**EINet**

Asia-Pacific Economic Cooperation



# APEC EINET Overview

June, 2005



## EINet Goals

- **Specifically aims are to provide:**
- The latest news, updates, journal articles, and notifications for emerging infections affecting the [APEC](#) member economies through the EINet News Briefs, our electronic biweekly newsletter (with past newsletters archived), as suggested in the Leaders' Statement on Health Security, October 2003.
- A means of increasing collaboration between academicians, policy makers and trade officials concerned with emerging infections in APEC member economies. The EINet's controlled-access email list is intended to notify and foster online information-sharing.
- News and updates of collaborative efforts and significant meetings among member economies, especially in the field of bio-preparedness. Examples include the 2002 Network of Networks meeting and the more recent video conferences utilizing Access Grid node technology
- Online learning tools, such as free online distance-learning courses — “Emerging Infections of International Public Health Importance”
- Access to online medical and public health library search tutorials and tools, including topical emerging infectious diseases in the Asia Pacific
- Quick access to individual APEC member economies, the APEC Secretariat, the APEC ISTWG, and other relevant links
- Access to publications and presentations by the EINet faculty at the University of Washington School of Public Health and Community Medicine



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# Overview of EINet Projects

- News Brief
- Certificate Program
- Access Grid Collaborations for Biopreparedness



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## News Brief – to subscribe: [depts.washington.edu/einet](http://depts.washington.edu/einet)

APEC Emerging Infections Network  
APEC-EINet Newsletter Feb, 18 2005

Vol. VIII, No. 4 ~ EINet News Briefs ~ Feb, 18 2005

\*\*\*\*\*A free service of the APEC Emerging Infections Network\*\*\*\*\*

The EINet listserv was created to foster discussion, networking, and collaboration in the area of emerging infectious diseases (EID's) among academicians, scientists, and policy makers in the Asia-Pacific region. We strongly encourage you to share your perspectives and experiences, as your participation directly contributes to the richness of the "electronic discussions" that occur.

To respond to the listserv, use the reply function.

*In this edition:*

### 1. Infectious Disease Information

- [WHO Latest Situation Reports on South-East Asia Earthquake and Tsunami](#)
- [Cumulative Number of Confirmed Human Cases of Avian Influenza A/\(H5N1\)](#)
- [Cambodia: FAO avian influenza update, as of 11 Feb 2005](#)
- [Viet Nam: FAO avian influenza update, as of 15 Feb 2005](#)
- [Thailand: FAO avian influenza update, as of 15 Feb 2005](#)
- [Thailand: Brakes put on measures to curb bird flu](#)
- [China: New bird flu vaccine capable of prevention](#)
- [China: Outbreak Notice: Meningococcal Disease, Anhui Province](#)
- [Japan: First Japanese Case of Human Variant of Mad Cow Disease](#)
- [Japan: Ministry runs out of yellow fever vaccine](#)
- [Philippines: Health officials alarmed over soar of typhoid cases](#)
- [Indonesia \(East Nusa Tenggara\): emergency declared following 44 rabies deaths](#)
- [Russia: Epizootic of rabies in Krasnodar region](#)

- Trusted
- Informative
- Convenient
- Free



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# Certificate Program

## COURSES:

- Epidemiology (including surveillance and disease investigation)
- Informatics (including information resource access and database creation)
- Biostatistics and Epidemiology of Infectious Diseases



**Attention!**  
We are collecting  
site statistics.

If you have not  
previously provided  
information please  
[click here](#).

UNIVERSITY OF WASHINGTON • SEATTLE WASHINGTON  
**School of Public Health and Community Medicine**

Emerging Infections of International Public Health Importance

### Emerging Infections of International Public Health Importance

Welcome to the online course Emerging Infections of International Public Health Importance, a free learning tool offered by APEC EINet.

[Click here to go to the Course](#)

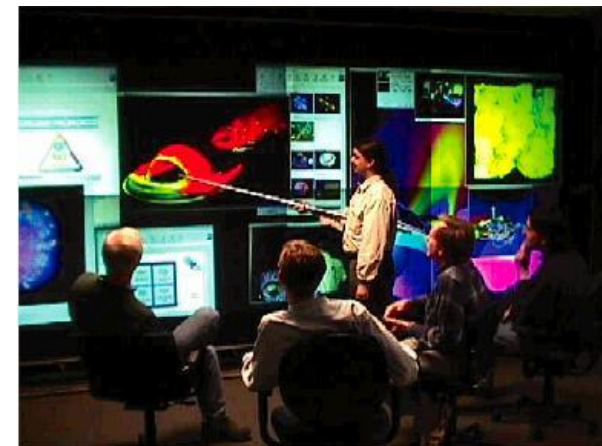
The original course began in 1995 as a jointly funded project of the University of Washington and the U.S. Centers for Disease Control and Prevention. The University of Washington has been a longstanding partner with the APEC Industrial Science and Technology Working Group in promoting health-related initiatives within the trading community. In fact, the first project approved through the APEC Industrial Science and Working Group (ISTWG) process was the 1998 establishment of the APEC Emerging Infections Network (APEC EINet), an electronic disease alert and information network that now includes 600 members from the APEC region. This was developed for subscribers to APEC EINet and other professionals able to use its Web site <http://depts.washington.edu/einet/> for professional development and communications.



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# Access Grid Technologies





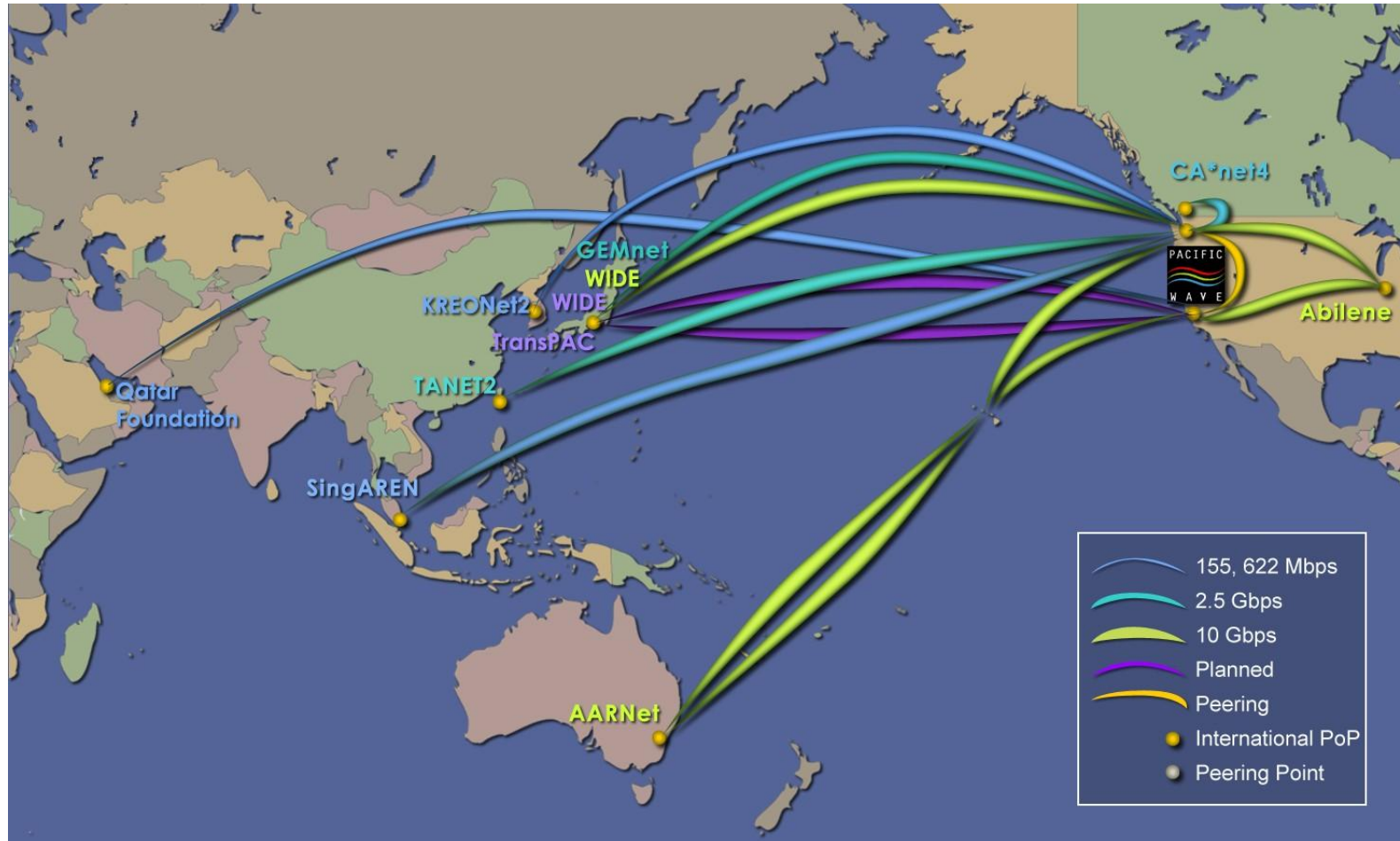
## Access Grid Technologies

APEC EINet applies advanced networking communications technologies to facilitate communication and partnering among leading research universities, governments, and other advanced networking entities within APEC economies. By facilitating cooperation among public health sectors of the member economies, and integrating existing systems of computing and Communication into this collaboration, the entire Asia Pacific region can reduce the biological and economic threat posed by emerging infections.

- Advanced communication networks such as Access Grid are being developed in the Asia Pacific but not being used to full potential. The public health community would greatly benefit from this technology for biopreparedness purposes, but it has little experience with this technology thus far.
- Information on lessons learned from recent emerging infectious disease outbreaks and subsequent biopreparedness planning have not been communicated effectively. Video conferencing would allow a desirable medium for sharing lessons learned, current biopreparedness activities, and future plans.
- Why access grid and not simply traditional video conferencing:
  - Simultaneous communication with multiple sites possible
  - Numerous ways to visualize participants—can select most effective way
  - Simultaneous Web-based information exchange possible
  - These features are highly beneficial for biopreparedness because public health work often involves intense collaboration, multiple disciplines and communities, and a high level of dependence on the Internet.



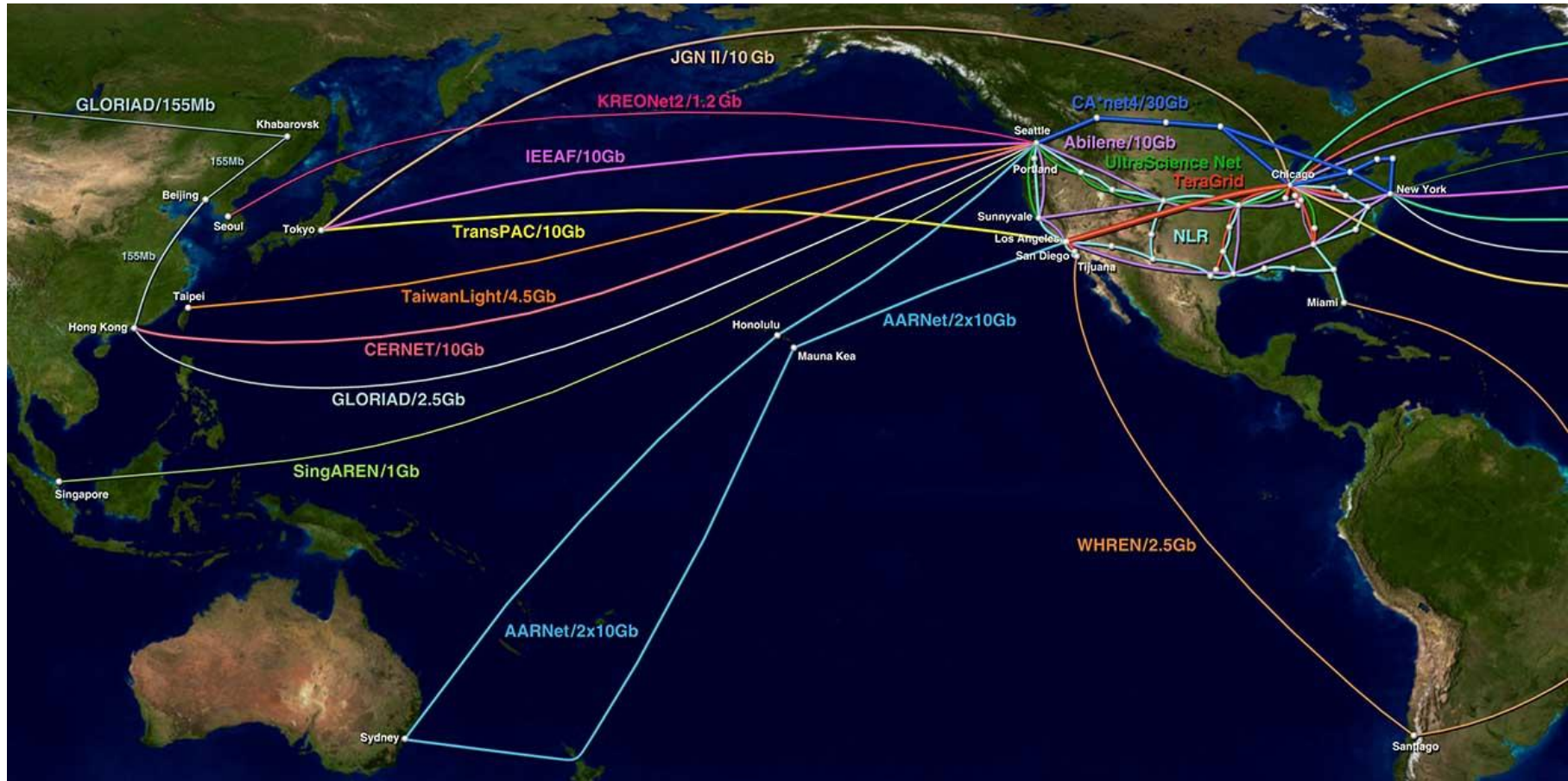
- Asia Pacific Advanced Networking Map







- Asia Pacific Advanced Networking Map



Note: Projected Bandwidths by end of 2005



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# Learn more about EINet

- <http://depts.washington.edu/einet>





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