



THE PENNSYLVANIA STATE UNIVERSITY
COLLEGE OF EARTH AND MINERAL SCIENCES
DEPARTMENT OF GEOGRAPHY

PRESENTS THIS

Certificate of Achievement

TO

John Hartranft

WHO SUCCESSFULLY COMPLETED

THE WORLD CAMPUS CERTIFICATE PROGRAM

IN GEOGRAPHIC INFORMATION SYSTEMS

8 January 2004

DATE

A handwritten signature in blue ink, appearing to read "D. DiBiase".

DAVID DIBIASE
FACULTY COORDINATOR

A handwritten signature in blue ink, appearing to read "Roger Downs, Acting Head".

ROGER DOWNS
HEAD