

Irish Climate Analysis and Research Units (ICARUS) Lecture

Prof. Phil Jones, Climatic Research Unit, University of East Anglia

Friday 19th February at 10.30 am

Reghan Hall, St Patrick's House, South Campus, Maynooth University (map overleaf)

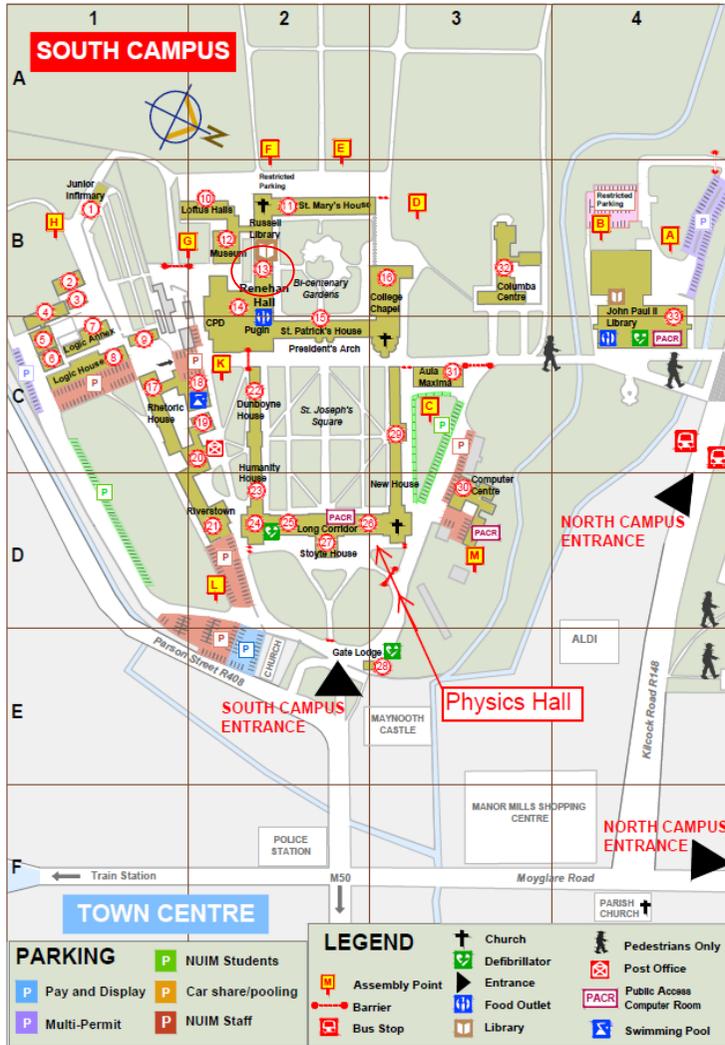
The Reliability of Global Temperature Averages

There are some who think that the global temperature record was only developed in the last 20-30 years, but the first person to develop such a record was Vladimir Köppen (who developed the climate classifications we still use today) in the 1880s. Updates of the record and new analyses continued to be made up to the 1960s when we get the first estimates made with computers. That the early (pre-computer) analyses were excellent in quality is attested to by comparisons with modern calculations. The fact that these comparisons are so good is further proof that a limited number of series from well-spaced locations are all that are necessary to produce the global temperature record. The talk will discuss what's important and what isn't when it comes to working with both land-based stations and sea surface temperatures from oceanic regions. More recently global temperature averages have been produced from satellite records and estimates are now being made using improved Reanalyses. The talk will also discuss the history of the series and comparisons of the various approaches that can be used today.



Prof. Jones is Research Director of the Climatic Research Unit (CRU) and a Professor in the School of Environmental Sciences at the University of East Anglia in Norwich. He is principally known for his work on time series of hemispheric and global surface temperatures. He has published more than 400 papers over the last 35 years and is in the top 0.5% of highly-cited researchers in the Geosciences globally (ISI). He has been awarded the Hugh Robert Mill Prize by the Royal Meteorological Society for work on UK Rainfall Variability; the Outstanding Scientific Paper Award by the Environmental Research Laboratories / NOAA (1997); the Hans Oeschger Medal (2002) from the EGU and is a fellow of the Royal Meteorological Society, the American Geophysical Union (AGU) and the American Meteorological Society (AMS). His other main fields are climate change, detection and attribution of climate, proxy climate reconstructions, climate extremes, climate impacts, weather generators, drought and long precipitation and riverflow reconstructions for the British Isles.

Renehan Hall is marked number 13 in cell B2 (circled) on map. Enter St. Patrick's House through the President's Arch and follow left.



INDEX		GRID NO.	GRID NO.
Academic Council (room 7).....	2D	25	0
Accounts Office(NUIM)(ground floor).....	2D	21	25
Admissions Office (first floor).....	2D	25	16
Alumni Office.....	2D	21	25
Aula Maxima.....	3C	31	25
Bewerunge Room (ground floor).....	1C	0	25
Bursar's Office.....	2D	25	16
Callan Hall.....	2D	25	16
Campus Planning & Development.....	2D	24	25
Campus Services.....	2D	21	25
Casey Changing Rooms.....	1C	0	25
College Chapel.....	3B	16	25
Columba Centre.....	3B	16	25
Computer Centre.....	3D	25	16
Conference & Accommodation.....	2D	25	16
Council Room.....	2D	25	16
Croly Room.....	2B	11	25
Dean's Office.....	2D	25	16
Dean's Office.....	2D	25	16
Dunboyne House.....	2C	26	25
Economics, Finance & Accounting (room 34).....	1C	17	25
Everard Boardroom (second floor).....	3C	17	25
Examinations Office (ground floor).....	2D	25	16
Fees & Grants.....	2D	24	25
Freedom of Information Office (room 25).....	2C	25	16
Gate Lodge (Security).....	3E	25	16
Geography Dept. (second floor).....	1C	17	25
Gilmartin Room.....	2B	11	25
Het Hut.....	1B	11	25
History Dept. (first floor).....	1C	17	25
Human Resources Office.....	2D	25	16
Humanity House.....	2D	25	16
International Office (second floor).....	2C	25	16
IVI (Innovation Value Institute).....	2B	25	16
John Paul II Library.....	4C	35	25
Junior Infirmary.....	2B	11	25
Kildare Room (room 23A, second floor).....	1C	17	25
Law Dept. (second floor).....	3C	25	16
Library (John Paul II).....	4C	35	25
Loftus Halls.....	2B	11	25
Logic Annex.....	1C	0	25
Logic Annex (old).....	1B	0	25
Logic House.....	1C	0	25
Long Corridor.....	2D	25	16
Lower Loftus.....	2B	16	25
Marketing & Communications Office.....	2D	25	16
Middle Loftus.....	2B	16	25
Museum.....	1C	0	25
Music Dept. (first floor).....	1C	0	25
Music Performance Suite.....	1C	0	25
Music Practice Rooms (old).....	1B	0	25
Music Technology Lab.....	1C	0	25
New House.....	3C	25	16
O'Callaghan Room (Logic House).....	1C	0	25
Patrick Murray Room.....	2B	11	25
Physics Hall.....	2D	25	16
Post Room, South Campus.....	2C	25	16
Power House.....	2C	25	16
President's Office.....	2D	25	16
Procurement Office.....	2D	25	16
Pugin Dining Hall.....	2C	25	16
Quality Promotion Unit (room 15).....	2C	25	16
Registrar's Central Office.....	2D	25	16
Registrar's Office (ground floor).....	2C	25	16
Registration (ground floor).....	2C	25	16
Renehan Hall.....	2B	16	25
Rhetoric Annex.....	2C	25	16
Rhetoric House.....	1C	17	25
Riverstown Hall.....	1C	17	25
Riverstown Lodge.....	2B	11	25
Roque Lab (Rhetoric House).....	1C	17	25
Russell Library.....	2D	25	16
Salaries Office (NUIM).....	2D	25	16
Security, South Campus (Gate Lodge).....	3E	25	16
St. Joseph's Oratory.....	3D	25	16
St. Mary's House.....	1C	17	25
St. Mary's Oratory.....	2B	11	25
Stoyte House.....	1B	11	25
Student Records Office (ground floor).....	2D	25	16
Swimming Pool.....	2C	25	16
The Furrow.....	2C	25	16
Theology Dept.....	2C	25	16
Trocaire.....	2D	25	16

LECTURE VENUES on the South Campus		
ROOM CODE	LOCATION	No.
61	Room 61, Rhetoric Annex	0
62	Room 62, Rhetoric Annex	0
BR	Bewerunge Room, Logic House	0
CC1	PACR 1 Computer Centre	0
CC2	PACR 2 Computer Centre	0
CH	Callan Hall, Long Corridor	0
GR	Geography, Roque Lab, Rhetoric House	0
LC	PACR Long Corridor	0
LGH	Logic Hall, Logic House	0
MAC PRO Lab Rm 5b	Computer Lab, Music Technology Lab	0
MAH	Maths Hall, Logic House	0
MCL	Maths Computer Lab, Logic House	0
MS1	Room 227 Second Floor, Logic House	0
MS2	Room 233 Second Floor, Logic House	0
MTL	Music Technology Lab	0
NMR	New Music Room, Logic House	0
OCR	O'Callaghan Room, Logic House	0
PH	Physics Hall, Long Corridor	0
RVH	Riverstown Hall, Riverstown Lodge	0