




Germany: present challenges and past perspectives



What can the archives show us about climate change, immigration, and engineering?

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Germany. *Albums*, 1904-1906.
Source: Royal Geographical Society (with IBG)

Adjusting to climate change

With a mission on energy efficiency and renewable resources, the German government seeks to cut greenhouse gas emissions by 55% by 2030 as part of its Klimaschutzgesetz, or "Climate Action Act."

Recently, torrential rainfall has caused significant flooding in the region, impacting infrastructure and agriculture.

WHAT RESOURCES CAN RESEARCHERS FIND ON WILEY DIGITAL ARCHIVES?

SECURITY CONFIDENTIAL
H.M. DIPLOMATIC SERVICE
FILE No. SME 1/309/1. (Part A)
TITLE: Anglo-German Coop in Matters of Environment
REFER TO: King, G. King. 7/29/71
FCO 55/647
CLOSED UNTIL 2002

A co-op between Germany and the UK provides a 1971 view on topics concerning water pollution, environmental protection in the petrochemical industry, agreement formulation, and more.

UK/Federal Republic of Germany co-operation on environmental pollution, M. McF. Davis, J. P. G. Rowcliffe, et al., *The National Archives*(...). Source: *Environmental Science and History archive*

SECURITY CONFIDENTIAL
H.M. DIPLOMATIC SERVICE
FILE No. SME 7/579/3 (Part A)
TITLE: NATO-CCMS - Studies of Disaster Assistance
REFER TO: King, G. King. 7/29/71
FCO 55/696
CLOSED UNTIL 2002

In 1970, a NATO committee commented on upcoming plans to discuss flood mitigation. Part of the proposed agenda included operational techniques tested within the meteorological service, like predicting snowmelt and wind forecasts.

NATO Committee on Challenges of Modern Society (CCMS): studies of disaster relief, R. P. Flower, Umberto Vattani, et al., *the National Archives* (...), 1970. Source: *Environmental Science and History archive*

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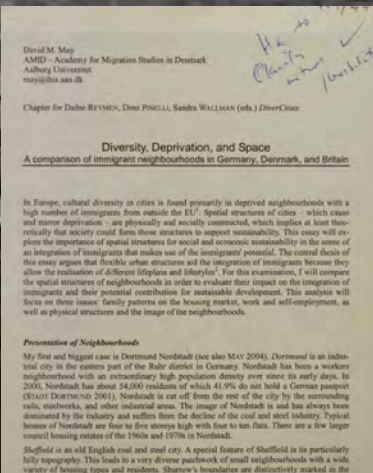
Wiley Digital Archives

Germany: Miscellaneous. Dr. G. Schweinfürth, Dr. R. Muschler, et al., *Miscellaneous Reports Collection*, 12 Sep 1879-22 Nov 1920. Source: *Royal Botanic Gardens, Kew*

Asylum and refugee protection

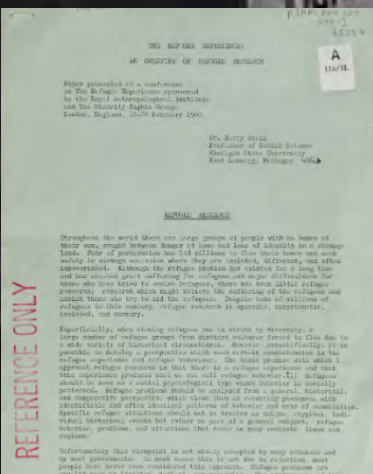
Germany has seen a strong increase in Ukrainian citizens since the beginning of war, with over 1,234,000 Ukrainian residing in the country according to Statistisches Bundesamt results (obtained July 2024). The Bundesamt für Migration und Flüchtlinge also noted that 217,780 people applied for asylum in Germany between January and October of 2024, with most nationalities coming from Syria, Afghanistan, and Turkey.

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An early 21st century exploration of immigrant neighborhoods in Germany examines family patterns on the housing market, employment, and qualifications in varying municipalities.

Diversity deprivation and space: a comparison of immigrant neighbourhoods in Germany, Denmark, and Britain (...), David M. May, Dafine Reymen, et al., Sandra Wallman Collection, n.d. Source: *The Royal Anthropological Institute of Great Britain and Ireland archive*



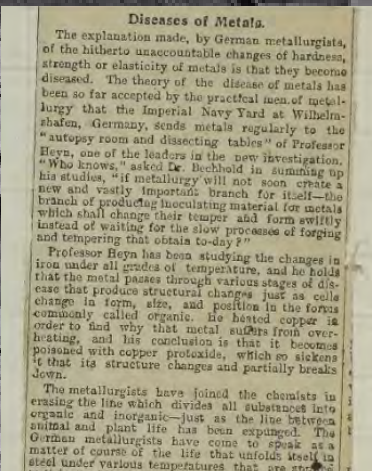
"Throughout the world there are large groups of people with no homes of their own, caught between danger at home and loss of identity in a strange land." So begins a paper on refugee research presented at a conference on The Refugee Experience which took place in 1980.

The refugee experience / Dr Barry Stein Publications,1980. Source: *The Royal Anthropological Institute of Great Britain and Ireland archive*

A way forward for engineering

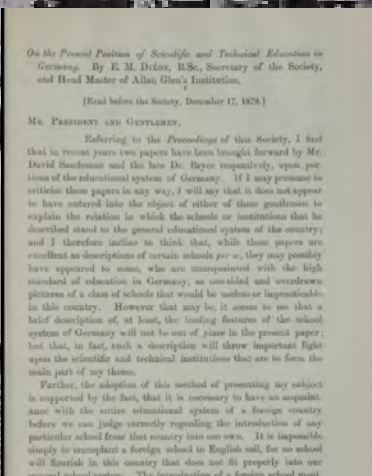
Industry 4.0, or the fourth industrial revolution, integrates cutting-edge technologies like cloud computing, artificial intelligence, and machine learning into manufacturing. In Germany, Industry 4.0 is a national initiative, grounding the country's position as a global leader in technological advancement and innovation.

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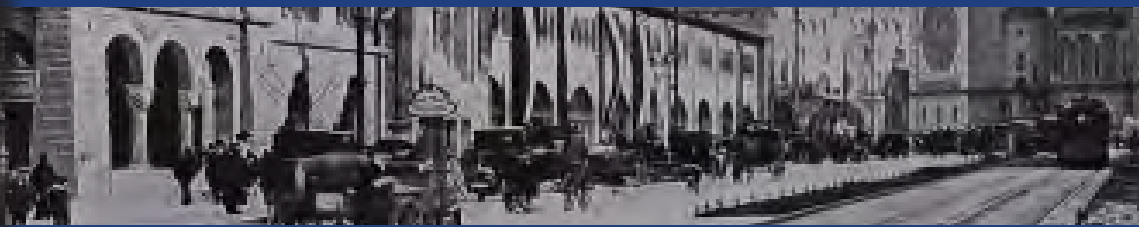
Did you know metals can become diseased? According to a manuscript on electrical engineering, a theory by German metallurgists proposed that unaccountable changes to metal's hardness and elasticity can result in structural transformations similar to disease, as witnessed in an "autopsy room" dedicated for metal observation.

Electrical engineering, *Herbert Chatley, Senate House University of London, Herbert Chatley papers, n.d.* Source: British Association for the Advancement of Science



An 1880 manuscript draws comparison on the German school system to influence the development of scientific and technical education in England. Technical pursuits such as civil and mechanical engineering were urged to be taught with practical applications.

On the Present Position of Scientific and Technical Education in Germany, *E. M. Dixon, University of Glasgow, Lord Kelvin Monographs, 14th January, 1880.* Source: British Association for the Advancement of Science



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Germany. *Albums, 1904-1906.* Source: Royal Geographical Society (with IBG)

HARDENBERGSTASSE MIT KAISER WILHELM GEDÄCHTNIS