

10 worst famines in history

10 Worst Famines in History: A Somber Journey Through Human Tragedy

10 worst famines in history have left indelible marks on humanity, shaping societies, economies, and even geopolitics. These catastrophic events, often intertwined with war, climate change, and political turmoil, highlight the vulnerability of human populations to food scarcity. Understanding these famines not only offers a glimpse into the past but also provides crucial lessons for preventing future food crises. Let's embark on a sobering exploration of some of the most devastating famines recorded.

The Great Chinese Famine (1959-1961)

One of the deadliest famines in recorded history, the Great Chinese Famine resulted from a combination of natural disasters and political mismanagement during the Great Leap Forward. An estimated 15 to 45 million people perished due to starvation and malnutrition. Poor agricultural policies, forced collectivization, and unrealistic production targets severely disrupted food production. The famine's scale underscores the catastrophic impact of governance failures on food security.

Causes and Consequences

The Chinese government's emphasis on rapid industrialization led to neglect of agricultural productivity. Coupled with adverse weather conditions, this created a perfect storm. The famine not only caused mass deaths but also long-term demographic shifts and economic challenges for China. It serves as a stark reminder of how political decisions can exacerbate natural calamities.

The Irish Potato Famine (1845-1852)

Famously known as the Great Hunger, the Irish Potato Famine is a tragic chapter in European history. The failure of the potato crop, which was the staple food for a large portion of Ireland's population, led to widespread starvation and disease. Approximately one million people died, while another million emigrated, drastically reducing Ireland's population.

Impact and Historical Significance

The blight that destroyed the potato crop was a fungus-like organism called *Phytophthora infestans*. The

famine exposed the dangers of over-reliance on a single food source. It also highlighted the social and economic inequalities of the time, as food exports from Ireland continued despite local starvation. The famine's effects are still felt culturally and politically today.

The Bengal Famine of 1943

During World War II, the Bengal region of British India experienced a devastating famine that claimed an estimated 2 to 3 million lives. Wartime inflation, crop failures, and colonial policies severely limited food availability. The famine exposed the vulnerabilities in colonial governance and prompted significant political and social upheaval.

Wartime Policies and Famine Dynamics

The British administration prioritized war efforts over civilian welfare, leading to food shortages. Additionally, hoarding and black-market activities worsened the crisis. The Bengal Famine remains a poignant example of how war and colonialism can aggravate food insecurity, serving as a cautionary tale for policymakers.

The Ethiopian Famine (1983-1985)

Triggered by a combination of drought, civil war, and government neglect, the Ethiopian famine attracted global attention due to the scale of suffering and international aid efforts. Approximately 400,000 to 1 million people died, with millions more displaced. The famine highlighted the complex interplay between environmental factors and political instability.

Global Response and Lessons Learned

The world's response included massive humanitarian aid campaigns, such as Live Aid, which raised awareness and funds. However, ongoing conflict and poor infrastructure hindered relief efforts. The Ethiopian famine underscores the necessity of timely intervention and stable governance in mitigating famine impacts.

The Holodomor (1932-1933)

The Holodomor, often described as a man-made famine, struck Soviet Ukraine

Frequently Asked Questions

What was the deadliest famine in recorded history?

The Great Chinese Famine (1959-1961) is considered the deadliest famine in recorded history, resulting in an estimated 15 to 45 million deaths due to a combination of natural disasters and government policies.

Which famine caused the Great Irish Migration in the 19th century?

The Great Irish Famine (1845-1852), also known as the Potato Famine, caused widespread starvation and disease, leading to mass emigration from Ireland, particularly to the United States.

What triggered the Bengal Famine of 1943 during World War II?

The Bengal Famine of 1943 was triggered by a combination of wartime inflation, crop failures, and British colonial policies, resulting in the deaths of an estimated 2 to 3 million people.

How did the Soviet Union's policies contribute to the Holodomor famine?

The Holodomor (1932-1933) was a man-made famine in Soviet Ukraine caused by forced collectivization and grain requisition policies under Stalin's regime, leading to millions of deaths.

What environmental factors contributed to the Sahel famine in the 1970s?

The Sahel famine in the 1970s was caused by severe drought, desertification, and poor agricultural practices, exacerbated by political instability, resulting in widespread hunger across several African countries.

Which famine in history was largely due to the collapse of the Khmer Rouge regime?

The Cambodian Famine (1974-1979) occurred during the Khmer Rouge regime, where forced labor, poor agricultural policies, and political repression caused starvation and the deaths of hundreds of thousands.

How did colonial policies impact famines in British India?

Colonial policies in British India, such as export of food grains during shortages and neglect of famine relief, worsened the impact of famines like the Great Bengal Famine and others, causing millions of deaths.

Additional Resources

10 Worst Famines in History: A Sobering Examination of Humanity's Darkest Periods

10 worst famines in history have left indelible marks on human civilization, shaping demographics, economies, and political landscapes across continents and centuries. These catastrophic events, often exacerbated by natural disasters, warfare, policy failures, and social upheaval, highlight the fragility of food systems and the devastating consequences when they collapse. Understanding these famines in a historical and analytical context is crucial not only for appreciating their human cost but also for devising strategies to prevent future occurrences. This article delves into the most severe famines recorded, offering a comprehensive review informed by data and historical insights.

Understanding Famines: Causes and Consequences

Famines are complex phenomena typically characterized by widespread scarcity of food, leading to malnutrition, starvation, and increased mortality. While droughts, floods, and crop failures often trigger famines, human factors such as political mismanagement, conflict, and economic policies frequently exacerbate their impact. The severity of famines is often measured by mortality rates, duration, and geographic spread. The 10 worst famines in history stand out not only because of their staggering death tolls but also due to their profound social and political ramifications.

The 10 Worst Famines in History: An Analytical Review

1. The Great Chinese Famine (1959-1961)

The Great Chinese Famine remains the deadliest famine in modern history, with estimated deaths ranging from 15 to 45 million people. Triggered by a combination of natural disasters and catastrophic policy decisions during the Great Leap Forward, this famine exemplifies how governance can dramatically influence food security. The collectivization of agriculture and unrealistic production targets led to widespread crop failures and food shortages. Additionally, the government's suppression of information delayed relief efforts, exacerbating the crisis.

2. The Bengal Famine of 1943

During World War II, the Bengal Famine resulted in the deaths of an estimated 2 to 3 million people. Several factors contributed to this famine: wartime inflation, disrupted food supply chains, and British colonial policies that prioritized military needs over civilian welfare. The famine's devastating toll was compounded by inadequate relief measures and a failure to recognize the crisis promptly. The Bengal Famine remains a poignant example of how colonial rule and war can intersect to produce humanitarian disasters.

3. The Irish Potato Famine (1845-1852)

Often cited as one of the most infamous famines in European history, the Irish Potato Famine caused approximately 1 million deaths and led to a mass migration that reshaped Ireland's demographic landscape. The famine was primarily caused by potato blight, a disease that destroyed the staple crop of the Irish population. British governmental policies, including laissez-faire economic approaches and inadequate relief, have been criticized for worsening the famine's effects. The event profoundly affected Ireland's social fabric and its relationship with Britain.

4. The Ukrainian Holodomor (1932-1933)

The Holodomor, which translates to "death by hunger," was a man-made famine engineered by Soviet policies under Joseph Stalin. Forced collectivization and grain requisition quotas led to widespread starvation in Ukraine, with death estimates ranging from 3.5 to 7 million. The famine is widely recognized as a genocide, reflecting the deadly intersection of political repression and food scarcity. The Holodomor's legacy continues to influence Ukrainian national identity and international discourse on famine and genocide.

5. The Great Famine of 1876-1878 in India

This famine struck southern and eastern India, resulting in an estimated 5.5 million deaths. Causes included severe drought conditions compounded by colonial economic policies that hindered effective famine relief. British administration's focus on maintaining revenue collection rather than alleviating suffering intensified the crisis. The famine highlighted the vulnerability of agrarian societies to environmental stresses and the devastating impact of governance failures.

6. The North Korean Famine (1994-1998)

Often referred to as the "Arduous March," this famine was caused by a combination of economic mismanagement, loss of Soviet support, and natural disasters such as floods. Estimates of deaths range from 240,000 to 3.5 million, though precise numbers are difficult to confirm due to the regime's secrecy. The famine exposed the fragility of North Korea's food security and the dangers of isolationist policies. International aid played a critical role in preventing even greater loss of life.

7. The Ethiopian Famine (1983-1985)

The Ethiopian famine garnered global attention, with an estimated 400,000 to 1 million deaths. Triggered by drought and exacerbated by civil war and government policies, the famine highlighted the interplay between environmental factors and conflict. Media coverage, including high-profile campaigns like Live Aid, mobilized international aid, but relief efforts faced challenges due to political instability and logistical difficulties.

8. The Great Famine of 1315-1317 in Europe

This medieval famine was triggered by a series of poor harvests caused by excessive rain and cold temperatures, leading to food shortages across Northern Europe. Death toll estimates vary, but millions are believed to have perished. The famine weakened European populations, making them more susceptible to subsequent crises such as the Black Death. It illustrates the vulnerability of pre-industrial societies to climatic fluctuations and agricultural failures.

9. The Sahel Famine (1968-1973)

A prolonged drought in the Sahel region of Africa resulted in widespread famine affecting countries such as Niger, Chad, and Mali. The crisis killed thousands and displaced millions, compounded by limited infrastructure and political instability. The Sahel famine underscored the challenges of food security in arid regions and the need for sustainable agricultural practices and international cooperation.

10. The Cambodian Famine (1975-1979)

During the Khmer Rouge regime, Cambodia experienced a famine resulting from forced agricultural collectivization, mass displacement, and violent repression. While exact death tolls are debated, estimates suggest several hundred thousand died from starvation and related causes. The famine was part of a broader

campaign of social engineering and genocide, reflecting how political extremism can devastate food systems and populations.

Lessons Learned and the Importance of Food Security

Analyzing the 10 worst famines in history reveals recurring themes: the interplay between environmental stressors and human agency, the critical role of governance, and the devastating impact of conflict and policy failure on food security. These famines underscore the importance of resilient agricultural systems, early warning mechanisms, and effective humanitarian interventions. In an era facing climate change and geopolitical tensions, these historical lessons remain urgently relevant.

Efforts to prevent future famines focus on improving food distribution networks, investing in sustainable agriculture, and fostering international collaboration. Technological advances in crop science and data analytics offer new tools for predicting and mitigating famine risks. However, political will and social equity remain decisive factors in ensuring that no population suffers the catastrophic consequences of famine again.

The 10 worst famines in history serve as stark reminders of the human cost of food insecurity and the enduring need for vigilance, compassion, and proactive measures to safeguard global food systems.

10 Worst Famines In History

10 worst famines in history: The Top 10 Worst Famines in History Larry Slawson, 2022-01-12 This eBook examines and ranks the 10 worst famines in world history. It provides a brief overview of each event followed by a discussion of the famine's impact in regard to its overall devastation.

10 worst famines in history: Introduction to Quantitative Hydrology Aly I. El-Kadi, 2025-09-16 This textbook serves as an introductory quantitative course on the fundamental elements of the hydraulic cycle. It enhances students' understanding by discussing the latest advancements in hydrological science, covering both experimental and computational techniques. This textbook is self-contained, requiring no prior knowledge, and includes numerous illustrations to clarify scientific concepts. Complex mathematical treatments are minimized, focusing on clear, step-by-step examples and guides that utilize scientific calculators and spreadsheets. Where appropriate, chapters include assignments that reinforce the textbook's role in academic settings. A virtual laboratory section is also provided, featuring experiments and example datasets for student analysis. Additionally, the text outlines the equipment needed to set up a physical laboratory, making it practical for educators to implement. Targeted at first-year college students, this book supports early career exploration in fields such as natural resources, earth sciences, and civil and environmental engineering. Offering this course early allows students to make informed decisions about their academic and career paths before they reach their senior year, providing them with ample time to pursue specialized interests.

10 worst famines in history: History Year by Year DK, 2024-03-07 Discover the world's most significant events through a detailed, dynamic, book-long timeline of over 7 million years. When did Hannibal cross the Alps? What caused the War of Jenkins' Ear? Who was Rosa Parks? How did the

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10 worst famines in history: Late Victorian Holocausts Mike Davis, 2001 Examining a series of El Nino-induced droughts and the famines that they spawned around the globe, Davis shows how the ruling elites helped produce some of the worst tragedies in human history. 15 photos. 8 maps.

10 worst famines in history: Meat Simon Fairlie, 2010 Meat: A Benign Extravagance is a groundbreaking exploration of the difficult environmental, ethical and health issues surrounding the human consumption of animals. Garnering huge praise in the UK, this is a book that answers the question: should we be farming animals, or not? Not a simple answer, but one that takes all views on meat eating into account. It lays out in detail the reasons why we must indeed decrease the amount of meat we eat, both for the planet and for ourselves, and yet explores how different forms of agriculture-including livestock-shape our landscape and culture. At the heart of this book, Simon Fairlie argues that society needs to re-orient itself back to the land, both physically and spiritually, and explains why an agriculture that can most readily achieve this is one that includes a measure of livestock farming. It is a well-researched look at agricultural and environmental theory from a fabulous writer and a farmer, and is sure to take off where other books on vegetarianism and veganism have fallen short in their global scope.

10 worst famines in history: History of Soybeans and Soyfoods in Eastern Europe (Including All of Russia) (1783-2020) William Shurtleff; Akiko Aoyagi, 2020-05-31 The world's most comprehensive, well documented, and well illustrated book on this subject. Extensive subject and geographical index. 146 photographs, maps and illustrations - mostly color. Free of charge in digital PDF format on Google Books

10 worst famines in history: Encyclopedia of Chinese History Michael Dillon, 2016-12-01 China has become accessible to the west in the last twenty years in a way that was not possible in the previous thirty. The number of westerners travelling to China to study, for business or for tourism has increased dramatically and there has been a corresponding increase in interest in Chinese culture, society and economy and increasing coverage of contemporary China in the media. Our understanding of China's history has also been evolving. The study of history in the People's Republic of China during the Mao Zedong period was strictly regulated and primary sources were rarely available to westerners or even to most Chinese historians. Now that the Chinese archives are open to researchers, there is a growing body of academic expertise on history in China that is open to western analysis and historical methods. This has in many ways changed the way that Chinese history, particularly the modern period, is viewed. The Encyclopedia of Chinese History covers the entire span of Chinese history from the period known primarily through archaeology to the present day. Treating Chinese history in the broadest sense, the Encyclopedia includes coverage of the

frontier regions of Manchuria, Mongolia, Xinjiang and Tibet that have played such an important role in the history of China Proper and will also include material on Taiwan, and on the Chinese diaspora. In A-Z format with entries written by experts in the field of Chinese Studies, the Encyclopedia will be an invaluable resource for students of Chinese history, politics and culture.

10 worst famines in history: SAĞLIK & BİLİM 2024: Beslenme-IV Hatice BAYGUT, Yasemin BEYHAN, 2024-12-31 İÇİNDEKİLER/BÖLÜMLER BESLENME VE YAPAY ZEKÂ UYGULAMALARI Tuba ONAY ZİHİNSEL SAĞLIK VE BESLENME Beyza AKPINAR, Berna AKPINAR, Gülşen ÖZDURAN BESLENME VE UYKU KALİTESİ Almina Yağmur MEŞİN TAT ALGISI, BESİN TERCİHLERİ VE YEME DAVRANIŞLARI İLİŞKİSİ Bircan ULAŞ KADIOĞLU KÜRESEL GIDA KRİZLERİ VE GIDA GÜVENCESİ Esmâ AKSOY KENDİLCİ, Kenan KENDİLCİ, Nursema OLAM GELENEKSEL GIDALAR VE GIDA GÜVENLİĞİ Nesrin İÇLİ HAYVANSAL GIDALARDAKİ ANTİBİYOTİK KALINTILARININ KİMYASAL SENSÖRLERLE TAYİNLERİ Sena ÇAĞLAR ANDAÇ, Pelin KÖSEOĞLU YILMAZ, Gamze ERGİN KIZILÇAY, Zeynep AYDOĞMUŞ ARI ÜRÜNLERİNDE HERBİSİT KALINTILARI VE TOKSİSİTE Nesrin İÇLİ FERMENTE BESİNLER VE BESLENME Mehmet ÇAVDAR, Meliha ÇAVDAR BİTKİSEL DOĞAL ÜRÜNLERİN GIDA TAKVİYESİ OLARAK KULLANIMI İbrahim TÜMEN GIDALARDA ŞEKERİ AZALTMAYA YÖNELİK TATLANDIRICILAR VE SAĞLIK ETKİSİ Esmâ AKSOY KENDİLCİ, Ebrar AKDENİZ GIDA KATKI MADDELERİ VE MİKROBİYOTA Cahit ERKUL, Ezgi SAKAR SCHOİNAS EDİNİLMİŞ BAĞIŞIKLIK EKSİKLİĞİ SENDROMU VE BESLENME TEDAVİSİ Çiğdem BEDİZ, Tuğçe Kıvılcım Bengisu EKEN OBSESİF-KOMPULSİF BOZUKLUK TEDAVİSİNDE BESLENME VE DİYET YAKLAŞIMLARI Eda ERKMEN, Ceren ŞARAHMAN KAHRAMAN FİBROMİYALJİ SENDROMU VE BESLENME Ali İLERİ, Gözde EDE İLERİ HİSTAMİN İNTOLERANSI VE BESLENME Merve EKİCİ D VİTAMİNİNİN DİYABET İLE İLİŞKİSİ: TANIM, MEKANİZMALAR VE KLİNİK BULGULAR Ayşe Umay ÇALIŞIR, Şirin ÇETİN, Meryem ÇETİN DİSFAJİNİN YÖNETİMİNDE 3D GIDA BASKI UYGULAMALARI Hürmet KÜÇÜKKATIRCI BAYKAN MEDYADA KANSER VE BESLENME Berna AKPINAR, Beyza AKPINAR, Gülşen ÖZDURAN PRETERM BEBEKLERDE NEKROTİZAN ENTEROKOLİTİ ÖNLEMEDE ANNE SÜTÜ OLİGOSAKKARİTLERİNİN ÖNEMİ Melek Nur ACAR, Çağlar DOĞUER ANNELERİN BEBEK BESLENMESİ TUTUMLARI Kızbes Meral KILIÇ ÇOCUKLARDA BESLENME VE BİLİŞSEL GELİŞİM İLİŞKİSİ Kızbes Meral KILIÇ VÜCUT KOMPOZİSYONLARI VE ÖLÇÜM YÖNTEMLERİ Meliha ÇAVDAR, Mehmet ÇAVDAR SPORCU YARALANMALARI VE BESLENME Melike Nur EROĞLU

10 worst famines in history: Beat the Odds Survival Manual Tim MacWelch, 2020-11-17 In this action-oriented book, a survival expert walks you through what to do in dozens of scary situations, from riding out a tsunami to surviving the fall of civilization. Fast-paced and remarkably practical, this latest book from best-selling survival expert Tim MacWelch breaks down the odds of your facing dozens of scary situations, from the fairly likely (getting lost in the woods or mugged on the mean streets, for example) to the unlikely but terrifying (being hit by an asteroid, attacked by zombies, or other sci-fi-worthy scenarios)—and provides concrete, doable strategies for how to improve your odds of survival. Each danger is rated with handy graphics that give an-at-a-glance idea as to how likely it is to befall you, how much you should worry about it happening, and how possible it is to increase your odds of survival. And then, in the pages that follow, he gives practical, step-by-step instructions, tutorials, and hints to help you beat the odds and live to tell the tale.

10 worst famines in history: The War against the Commons Ian Angus, 2023-05-02 A unique historical account of poor peoples' self-defence strategies in the face of the plunder of their lands and labor For five centuries, the development of capitalism has been inextricably connected to the expropriation of working people from the land they depended on for subsistence. Through ruling class assaults known as enclosures or clearances, shared common land became privately-owned capital, and peasant farmers became propertyless laborers who could only survive by working for the owners of land or capital. As Ian Angus documents in *The War Against the Commons*, mass opposition to dispossession has never ceased. His dramatic account provides new insights into an opposition that ranged from stubborn non-compliance to open rebellion, including eyewitness accounts of campaigns in which thousands of protestors tore down fences and restored common

access to pastures and forests. Such movements, he shows, led to the Diggers' call for a new society based on shared ownership and use of the land, an appeal that was more sophisticated and radical than anything else written before the 1800s. Contrary to many accounts that treat the reorganization of agriculture as a purely domestic matter, Angus shows that there were close connections between the enclosures in Britain and imperial expansion. The consolidation of some of the largest estates in England and Scotland was directly financed by the forced labor of African slaves and the colonial plunder of India. This unique historical account of ruling class robbery and poor peoples' resistance offers answers to key questions about the history of capitalism. Was enclosure a "necessary evil" that enabled economic growth? What role did deliberate promotion of hunger play in the creation of the working class? How did Marx and Engels view the separation of workers from the land, and how does resistance to enclosure continue in the 21st century?

10 worst famines in history: *Science Beyond Borders: International Collaborations In Basic Sciences* Dinesh Kumar Srivastava, V S Ramamurthy, Shailesh Nayak, Suba Chandran, 2025-01-24 International collaboration in basic sciences allows researchers from different countries to pool their expertise, knowledge, and resources. This combined effort tackles complex scientific challenges that might be beyond the intellectual, technical, and financial capabilities of a single nation. It fosters the sharing of data and ideas, accelerates scientific progress and leads to breakthroughs that benefit all of humanity. This was established in tackling COVID-19; establishment of CERN; building of LHC, ITER, FAIR, LIGO, SKA, TMT, scores of terrestrial and space telescopes, International Space Station; Space Missions; discovery of Higgs boson; discovery of gravitational waves; green revolution; understanding of weather and monsoon in a rapidly warming world; and spread of modern technology and education across the world, etc. The most challenging problem facing the world now is climate change, which can only be solved if every nation cooperates and contributes to mitigation measures and research outlined by scientists from across the world. This presents us with a huge existential challenge, which can only be met when each one of us contributes to the spirit of the entire world being one family, and with the conviction of futility of conflict. If we fail to rise to the occasion, our very survival on this planet would become extremely difficult and near impossible. This book will be of interest to science policymakers in industry or government, as well as laypersons interested in the history of science, cosmology, particle physics or scientific collaborations.

10 worst famines in history: *Handbook of Drought and Water Scarcity* Saeid Eslamian, Faezeh A. Eslamian, 2017-08-02 This volume includes over 30 chapters, written by experts from around the world. It examines drought and all of the fundamental principles relating to drought and water scarcity. It includes coverage of the causes of drought, occurrences, preparations, drought vulnerability assessments, societal implications, and more.

10 worst famines in history: *Islam and the Orientalist World-system* Khaldoun Samman, Mazhar Al-Zo'by, 2015-11-17 Featuring Immanuel Wallerstein, Joseph Massad, Marnia Lazreg, and other well-known and emerging new authors, this book seeks a more accurate understanding of Islam and Islamic societies' role and relations to global cultural and economic realities. The book confronts a trend today of analyzing Islam as a cultural system that stands outside of, and even predates, modernity. The authors see this trend as part of a racist discourse unaware of the realities of contemporary Islam. Islamic societies today are products of the world capitalist system and cannot be understood as being separate from its forces. The authors offer a more carefully constructed and richer portrait of Islamic societies today and forcefully challenge the belief that Islam is not part of, nor much affected by, the modern world-system.

10 worst famines in history: *Feast and Famine* Leslie Clarkson, Margaret Crawford, 2001-11-15 This book traces the history of food and famine in Ireland from the sixteenth to the early twentieth century. It looks at what people ate and drank, and how this changed over time. The authors explore the economic and social forces which lay behind these changes as well as the more personal motives of taste, preference, and acceptability. They analyze the reasons why the potato became a major component of the diet for so many people during the eighteenth century as well as the diets of the middling and upper classes. This is not, however, simply a social history of food but it

is a nutritional one as well, and the authors go on to explore the connection between eating, health, and disease. They look at the relationship between the supply of food and the growth of the population and then finally, and unavoidably in any history of the Irish and food, the issue of famine, examining first its likelihood and then its dreadful reality when it actually occurred.

10 worst famines in history: Red carpet for the Antichrist Hieromonk (Archimandrite)

David Tselikas, 2015-02-01 A few hours after his triumph at the UN, everyone has come to consider the brilliant solutions to international problems he proposes to be some kind of miracle. Later appears all smiles and full of self-confidence at the Olympic Stadium for a ceremony that will prove to be an unprecedented spectacle. The global digital television broadcasts the crowd going wild. As he passes by with a bounce in his step and smiling cordially, a sea of hands rises, all of them making his sign. Many try desperately to touch him; he's the perfect idol of every nation, class and age. As he reaches the microphone, the stadium quakes. Millions of people are captivated. He's amazing; he's a genius; he's the hope of the world, a phenomenon, one-of-a-kind, a god! Who would believe that he's...the Antichrist? Who could resist him?

10 worst famines in history: Famine that Kills Alex de Waal, 2005-01-13 Includes statistics.

10 worst famines in history: Survival of the City Edward Glaeser, David Cutler, 2021-09-02

From New York to New Delhi, COVID-19 has had a devastating impact on our urban world, turning the physical proximity which is central to the creative energy of the city into a potentially deadly threat to our health and well being. Yet most of us live or work in cities. They are a vital part of both local and global economies and shape the lives we lead and our interactions with others. How can we adjust to this new reality and what lessons can we learn from the past? In this urgently relevant book, leading experts Edward Glaeser and David Cutler, examine the history and future of the global city. They argue the biggest threats are those we have created ourselves - inequalities in housing, health, work and education - and that we need to address these as a matter of urgency if our cities are to continue to thrive and drive economic growth and prosperity. They conclude by proposing some practical measures that governments and citizens need to act on to ensure the survival of the city around the world. .

10 worst famines in history: Appetite and Body Weight Tim Kirkham, Steven J Cooper,

2011-04-28 There is now enough basic work to sketch out the principal systems at all levels of the brain, from prefrontal cortex to lower brainstem, which are orchestrated to provide control of food selection, preference and consumption. At the same time, the complex interplay between central systems and signals generated from peripheral systems include the gut, liver and fat stores, as well as the interactions with the neuroendocrine system can be described in some detail. A continuing theme throughout the book is that the functional analysis of appetite and food intake cannot be limited to a single focus, e.g. hypothalamic neuropeptides and their interactions, but must be based on a fully integrated view of the several contributing systems. Appetite and Body Weight: Integrative Systems and the Development of Anti-Obesity Drugs provides an expert guide to the neural, neurochemical, autonomic and endocrine interrelations which underpin appetite and the controls of food intake and body weight. The book covers many of the neurochemical entities that are currently under investigation, including: neuropeptides, leptin, insulin, monoamines and endogenous cannabinoids in relation to appetite and body-weight control. In addition to the neuroscience analysis, there are also chapters that provide an expert guide to some of the key psychological concepts that the researchers believe are essential in trying to understand the phenomena under investigation. The volume will also serve as an authoritative guide to the current emphasis on the development of novel, efficacious anti-obesity medication. - Provides an integrative view of the many systems involved in appetite how they interact to effect food intake (i.e. the brain, endocrine, gut, liver etc.) - Considers psychological aspects such as incentive, preference, liking and palatability, and sets these concepts in their behavioural, pharmacological and neural contexts - Examines the development of novel anti-obesity drugs, drawing on experience of pharmacological development work, pre-clinical tests for anti-obesity efficacy, and clinical trials of candidate anti-obesity compounds

10 worst famines in history: The Feeding of Nations Mark Gibson, 2016-04-19 In the last decade, the world has grown richer and produced more food than ever before. Yet in that same period, hunger has increased and 925 million remain underfed and malnourished. Exploring this troubling paradox, The Feeding of Nations: Re-Defining Food Security for the 21st Century offers a glimpse into how the simple aspiration of global food

10 worst famines in history: China Under Western Gaze: Representing China In The British Television Documentaries 1980-2000 Qing Cao, 2014-05-16 This book presents a critical analysis of the images of China portrayed in British television documentaries between 1980 and 2000. The examination is contextualized within the profound transformations of the post-reform China and global political structures in the last two decades of the 20th century. Using an innovative analytical framework based on Vladimir Propp, the book focuses on how different images of China are constructed through an effective use of TV narrative strategies. In particular it details how various strands of (Western) modernity underpin major discourses about China. The book will be valuable to the understanding of how China was perceived in the West during one of the most dramatic moments in modern history.

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