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The Royal Society has published the findings of a major study into geoengineering the climate. The study, chaired by Professor John

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Shepherd FRS, was researched and written over a period of twelve months by twelve leading academics representing science, economics, law and social science. Man-made climate change is happening and its

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impacts and costs will be large, serious and unevenly spread. The impacts may be reduced by adaptation and moderated by mitigation, especially by reducing emissions of greenhouse gases. However, global efforts to reduce

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emissions have not yet been sufficiently successful to provide confidence that the reductions needed to avoid dangerous climate change will be achieved. This has led to growing interest in geoengineering, defined here

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as the deliberate large-scale manipulation of the planetary environment to counteract anthropogenic climate change. However, despite this interest, there has been a lack of accessible, high quality

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information on the proposed
geoengineering techniques
which remain unproven and
potentially dangerous. This study
provides a detailed assessment
of the various methods and
considers the potential efficiency

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and unintended consequences they may pose. It divides geoengineering methods into two basic categories: 1. Carbon Dioxide Removal (CDR) techniques, which remove CO₂ from the atmosphere. As they

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address the root cause of climate change, rising CO₂ concentrations, they have relatively low uncertainties and risks. However, these techniques work slowly to reduce global temperatures. 2. Solar Radiation

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Management (SRM) techniques, which reflect a small percentage of the sun's light and heat back into space. These methods act quickly, and so may represent the only way to lower global temperatures quickly in the event

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of a climate crisis. However, they only reduce some, but not all, effects of climate change, while possibly creating other problems . They also do not affect CO₂ levels and therefore fail to address the wider effects of

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rising CO₂, including ocean acidification. The report recommends: Parties to the UNFCCC should make increased efforts towards mitigating and adapting to climate change and in particular

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to agreeing to global emissions reductions of at least 50% on 1990 levels by 2050 and more thereafter; CDR and SRM geoengineering methods should only be considered as part of a wider package of options for

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addressing climate change. CDR methods should be regarded as preferable to SRM methods. Relevant UK government departments, in association with the UK Research Councils, should together fund a 10 year

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geoengineering research programme at a level of the order of £ 10M per annum. The Royal Society, in collaboration with international science partners, should develop a code of practice for geoengineering

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research and provide recommendations to the international scientific community for a voluntary research governance framework. The Royal Society issued a call for submissions and convened a

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small ethics workshop as part of the evidence gathering process. More information is available in the main report.

Easy-to-apply, scientifically-based approaches for engaging students in the classroom

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their teaching skills "Mr.

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reading." –Wall Street Journal
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improving the quality of education and support for children and young adults with severe, profound and multiple learning difficulties and their families. Each chapter contains careful presentations and

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come. The chapters include many vignettes gathered from practitioners in the field and are written specifically to be rigorous yet accessible. The contributors cover topics related to the rights and needs of children and young

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adults from 0-25 years, crucial features of high quality education, characteristics of integrated provision and effective and sensitive working with families to ensure the best possible outcomes for their

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children. Crucially, the voice of the learners themselves shines through. Historical provision that has had an impact on developing services and modern legislation aimed at improving provision and services are also discussed. The

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contributed chapters are organised into six themed parts: Provision for learners with SLD/PMLD. Involving stakeholders. Priorities for meeting the personal and social needs of learners. Developing

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the curriculum. Strategies for supporting teaching and learning. Towards a new understanding of education for learners with SLD/PMLD. This text is an essential read for students on courses and staff

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working in and with the whole range of educational settings catering for children and young adults with severe, profound and multiple learning difficulties, not just for teachers but also for support staff, speech and

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Geoengineering the Climate

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environment from prehistoric times to the present. This second, heavily revised edition brings the material on this rapidly changing field completely up to date, with major scholars from around the world mapping out trajectories of research

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sociology, and international efforts to study and curb climate change—making the volume a perfect introductory textbook; presents a series of case studies—both new case studies and old ones updated and viewed with

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fresh eyes—with the specific purpose of assessing climate trends; provides a close look at how climate change is affecting livelihoods, especially in the context of economic globalization and the migration of youth from rural to urban areas; expands

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coverage to England, the Amazon, the Marshall Islands, Tanzania, and Ethiopia; re-examines the conclusions and recommendations of the first volume, refining our knowledge of what we do and do not know about climate change and what

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This Intergovernmental Panel on Climate Change Special Report (IPCC-SREX) explores the challenge

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of understanding and managing the risks of climate extremes to advance climate change adaptation. Extreme weather and climate events, interacting with exposed and vulnerable human and natural systems, can lead to disasters.

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Changes in the frequency and severity of the physical events affect disaster risk, but so do the spatially diverse and temporally dynamic patterns of exposure and vulnerability. Some types of extreme weather and climate events have

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increased in frequency or magnitude, but populations and assets at risk have also increased, with consequences for disaster risk. Opportunities for managing risks of weather- and climate-related disasters exist or can be developed at

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**any scale, local to international.
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CHRIST'S VENTRILOQUISTS is
a work of investigative history. It
documents and describes
Christianity's creation-event, in
the year 49 or 50, in Antioch

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(present-day Antakya, Turkey), 20 years after Jesus had been crucified in Jerusalem for sedition against Roman rule. On this occasion, Paul broke away from the Jewish sect that Jesus had begun, and he took with him

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the majority of this sect's members; he convinced these people that Jesus had been a god, and that the way to win eternal salvation in heaven is to worship him as such. Paul here explicitly introduced, for the first

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time anywhere, the duality of the previously unitary Jewish God, a duality consisting of the Father and the Son; and he implicitly introduced also the third element of the Trinity, the Holy Ghost. This work also explains and

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documents the tortuous 14-year-long conflict Paul had had with this sect's leader, Jesus's brother James, a conflict which caused Paul, in about the year 50, to perpetrate his coup d'état against James, and to start his own new

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religion: Christianity. Then, this historical probe documents that the four canonical Gospel accounts of the words and actions of "Jesus" were written decades after Jesus, by followers of Paul, not by

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followers of Jesus; and that these writings placed into the mouth of "Jesus" the agenda of Paul. Paul thus effectively became, via his followers, Christ's ventriloquist. A work such as this can be documented

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and produced only now, after the development (during the past 70 years) of modern legal/forensic methodology. Previously, the only available methods, which scholars have used, simply assumed the honesty-of-intent of

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all classical documents,
especially of canonical religious
ones, such as Paul's epistles,
and the Four Gospels. Only now
is it finally possible to penetrate
deeper than that, to reach the
writer's intent, and not merely his

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assertions, and to identify when this intent is to deceive instead of to inform. Whereas scholars have been able to discuss only the truth or falsity of particular canonical statements, it is now possible to discuss also the

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honesty or deceptiveness of individual statements. This opens up an unprecedented new research tool for historians, and CHRIST'S VENTRILOQUISTS is the first work to use these new methods to reconstruct, on this

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legal/forensic basis, not just how crimes took place, but how and why major historical events (criminal or not), such as the start of Christianity, actually occurred. The author explains: "What I am doing in this work is

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to reconstruct from the New Testament the crucial events that produced it, without assuming whether what the NT says in any given passage is necessarily true or even honest. Instead of treating the NT as a work that

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'reports history,' the NT is treated as a work whose history is itself being investigated and reported. Its origin goes back to this coup d'état that Paul perpetrated in Antioch in the year 49 or 50 against Jesus's brother James in

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Jerusalem, whom Jesus in Jerusalem had appointed in the year 30 as his successor to lead the Jewish sect that Jesus had started. The Gospel accounts of 'Jesus' reflected Paul's coup d'état - not actually Jesus, who

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would be appalled at the Christian concept of 'Christ.' That concept was radically different from the Jewish concept of the messiah, and Paul knew this when he created it."

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