

**This Call for Papers closed on 6th March 2017
and has been withdrawn**



February 2017

As part of the Development, Concepts and Doctrine Centre's (DCDC) Global Strategic Trends Programme ([GST](#)) we are undertaking a study into the future of **resources and materials**. The study will explore evidence of trends and drivers associated with resources and materials **out to the year 2050**. Below are some of the areas of interest.

Supply and demand: where globally important resources and materials are found, extracted, produced, consumed, traded and transported; which are stressed; which have unique characteristics and applications; which are tightly coupled to other resources; and what future supplies and demands might look like.

Access and trade: price volatilities; import and export restrictions; existing, emerging and changing geopolitical boundaries; important partnerships, alliances, councils and treaties. Existing, emerging and changing strategic supply routes, relationships and choke points; as well as attitudes and behavioural trends concerning resource and material consumption.

Security, scarcity and abundance: enabling and/or inhibiting trends concerning resource and material security, scarcity and abundance. Resource nationalism, protectionism and sovereignty, and key strategies used by state and non-state actors to achieve these. Looking at baselines of lock-in to particular resources and materials for key industries. The opportunities that arise from the circular economy and the impact of paradoxes of plenty.

Game changers: societal, environmental and/or policy changes that may act as either game changers or blockers. Space and celestial bodies as a resource source or supply route; other novel supply routes and storage locations; demand for resources and materials and its global impact on the natural environment, biodiversity, and climate change; moving beyond resource limits through advances in data, information, automation, transportation and technology.

Authors are invited to submit a short two page outline, of the paper they wish to write on the subject(s) along with their credentials and experience within the area of study to the DCDC Futures team at dcdc-strategictrends@mod.gov.uk

Submissions must be original and should not have been published previously. Papers are to have three parts: historic trends and drivers; emerging future trends and drivers; and plausible outcomes from these and must be supported by historical trends and drivers based evidence.

DCDC will review submissions and will notify the authors if they wish to commission the paper.

Key dates

Submission deadline: 6 March 2017

Author notification: 13 March 2017

Final manuscript due: 8 May 2017



Ministry
of Defence

Email submissions to:

dcdc-strategictrends@mod.gov.uk

Analysis and Research Team

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