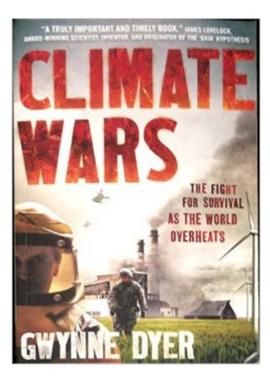
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Climate Wars





Synopsis

The core problem with climate change is not sea level rise or biodiversity; it is food supply. We are just barely able to feed the current six-and-a-half billion people on the planet. At 2 degrees hotter, many hundreds of millions are at risk but, with global cooperation and a switch away from meat production (let people eat the grain, not cows), they wouldn't have to starve. At 5 degrees hotter, there are no good options left. What makes this a political and potentially a strategic issue is the fact that the misery will not be equally shared. As rainfall patterns shift, some countries lose most of their best croplands while others come through the change unharmed or even gain new food-growing areas in the sub-Arctic. There is a bitter irony here, for the list of beneficiaries includes most of the countries that industrialised early and caused the problem to grow to its current size. There is also huge scope for conflict, including armed conflict, because nobody will sit quietly and watch their children starve when any alternatives remain, including violent ones. Some of those watching their children starve will have the resources and technology to threaten those who still have food (but just enough food). The only way to avoid this future, if it can be avoided, is to get greenhouse gas emissions down drastically in the next 10-15 years. But making the deal that would mandate and enforce those deep cuts in emissions, especially the part of the deal that brings the 'new' industrialising countries into the effort, is ferociously difficult politically, and there is no guarantee that it will happen in time. If it doesn't, the next few generations are in for a wild ride.

Book Information

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Customer Reviews

Outstanding book. This offers a perspective that isn't available for the most part to people. The

author talks about the effects not focused on in the media (the media often focuses on rising sea levels which are later happenings and will be the least of our problems for many decades), he talks about the move of the very dry sub tropic atmospheric regions northward (already occurring) and what it means for the worlds farm areas - not good and is impacting areas already. Then he talks about possible geo-political impacts of these. Mr. Dwyer talked with Military planners as well as scientists to find projected effects of Global Warming, long before we have to worry about rising sea levels. And in particular with the Military planners (US and foreign) what projected geopolitical effects they see - big destabilizing ones. The US military under President Bush sees this as real and the biggest threat to the US in the decades ahead, because of what it does to stability of other countries. He touches on where we are in relation to actually dealing with the problem (not good) and touches on whether he thinks the world's political establishments can actually deal with this in a timely way. He also analyzes ways of dealing with the problem, both from a phasing out CO2 emissions perspective, but he also analyzes proposed geo-engineering stop gaps - which would be possibly used when we blow the deadlines (as we're on track to) and face disastrous consequences. He analyzes how this scientific based problem became enmeshed into ideological struggles in the US, Australia and Canada and not other parts of the World (for the most part) fascinating analysis. Regarding the previous reviewers opinion on the authors analysis of Coal CCS - I have to disagree with what the reviewer said.

The title "Climate Wars" hints at Dyer's contention that global warming will not be a benign phenomenon where things will continue as before. Rather like the human body, where a fever of only three and a half degrees Celcius is potentially fatal, an increase of only a few degrees can potentially cause massive changes in the earth's climate. The earth's biosphere appears to be more fine-tuned and fragile than we thought, and we have unknowingly pushed it far toward making the earth a far less habitable place for humans to live. He believes that irreversible changes are coming at a rate higher than even recent generally accepted predictions, so that the goal, for example, of the U.S. and British governments to achieve 80 percent cuts to emissions by 2050, is not enough. To illustrate what may be coming, then, he creates a number of fictitious scenarios, set at various times in the relatively near future. These scenarios are possible futures he imagines in a world increasingly under stress from the effects of climate change. They illustrate his point that global warming is not the relatively easy problem that, for example, CFC's and the ozone layer was, where the world could simply rally together and deal effectively with it. Though there are technological hurdles to be overcome, they are not insurmountable, and could largely be dealt with in the next

couple of decades if the international community, with a single mind, made a decision to move away from oil and coal energy sources and develop alternatives. Of course that would include, among other projects, building five million wind turbines around the world in the next five years - quite an undertaking, but certainly doable, especially if you consider that the world builds 65 million cars a year.

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