

## Space Details

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Key:</b>                       | HighCO2             |
| <b>Name:</b>                      | 900740.HighCO2World |
| <b>Description:</b>               |                     |
| <b>Creator (Creation Date):</b>   | kiwi (Nov 10, 2006) |
| <b>Last Modifier (Mod. Date):</b> | kiwi (Nov 10, 2006) |

## Available Pages

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## Home

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This page last changed on Nov 10, 2006 by [kiwi](#).

This is the home page for the 900740.HighCO2World space.

## Comments

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Abstract number was changed by Management from 900719 to 900740. 900719 was reserved for FOCE as a separate project.

Posted by [kiwi](#) at Nov 10, 2006.

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## High CO2 World Initiative - Project 900719 - Abstract

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This page last changed on Nov 10, 2006 by [kiwi](#).

In 2006 we began planning for an Institutional Initiative to address the creation of better instruments and methods for predicting the consequences of the remarkable changes in ocean CO<sub>2</sub>/pH that are now occurring, and that are inextricably linked to the CO<sub>2</sub> driven global warming. These combined chemical and physical changes may well have profound consequences for marine ecosystems, perhaps particularly those involving calcifying organisms. This has emerged as a powerful, broad, and fully international scientific theme. It is anticipated that several additional Institute scientists (Robison, Smith, Haddock, Scholin, and possibly others) and engineers, and many external national and international colleagues will contribute to this effort. Thus the management style will be open, and we will seek coordination of effort and sharing of knowledge and resources. We suggest that engineering resources be coordinated through this proposal since much of the sensor development, software, and hardware components will have elements in common that can be used by all, but that particular scientific experiments be identified as discrete components of established scientific laboratories since this permits the greatest flexibility for scientists to be productive, and for recognition of their achievements. Effort in 2007 will be devoted to building this larger program while solidifying gains already made, to establishing links to external funding sources, and to obtaining permits for the essential work.

## High CO2 World Initiative - Project 900740 - Abstract

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