SCIENTIST Clive Spash has resigned from the CSIRO and called for a Senate inquiry into the science body following the censorship of his controversial report into emissions trading.

Dr Spash has lashed out at the organisation which he said promoted self-censorship among its scientists with its unfair publication guidelines.

He said he was stunned at the treatment he received at the hands of CSIRO management, including boss Megan Clark, and believed he was not alone.

"I've been treated extremely poorly," he said. "There needs to be a Senate inquiry.

"The way the publication policy and the charter are being interpreted will encourage self-censorship.

"It's obviously happened before at the CSIRO - and there's issues currently."

Last month, Dr Spash accused the organisation of gagging him and his report - The Brave New World of Carbon Trading - and restricting its publication.

The report is critical of cap and trade schemes, like the one the federal government is seeking to introduce, as well as big compensation to polluters.

Dr Spash advocates a direct tax on carbon.

The CSIRO said the report was in breach of its publication guidelines, which restrict scientists from speaking out on public policy.

But it provoked accusations the CSIRO was censoring research harmful to the Government.

Under intense pressure, Dr Clark publicly released the report on November 26 but warned Dr Spash would be punished for his behaviour and his refusal to amend it.

"I believe that internationally peer-reviewed science should be published or, if Dr Clark wishes to have her own opinion, then she should publish her own opinion," Dr Spash said, who has been on sick leave.

"I've been to the doctor under extreme stress."

He had been ordered not to speak to the media while working for the CSIRO, which originally headhunted him for the job.