

## Daniel Alberto Sepúlveda Estay

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**From:** Jesper Hermansen <jesper@nordicco.eu>  
**Sent:** 2. februar 2022 08:26  
**To:** Daniel Alberto Sepúlveda Estay; Christian Michel Sørup  
**Cc:** Thorkild I.A. Sørensen  
**Subject:** RE: SD-Vent Model paper draft.v220201

Dear Daniel and Christian, cc to Thorkild

Many thanks for the draft, looks good from an initial screening. I will see if I can find time this week, or beginning of next to review in more detail and revert back with any comments.

Regarding authors etc. I will be happy to introduce you to the people from the Technological institute who performed the test and the accompanying report? Also if you need anyone from Ultraaqua related to the COMSOL analysis I can set that up.

Regarding the option of adding me as co-author I will have to look into the details in the report, but initially I don't see that my contribution justifies that. Also we usually want to be an arms length from the scientific papers / reports who review our product, this to avoid any speculation on misleading information / bias conclusions etc. But I will have to review the document in detail to conclude on this.

I look much forward to reviewing the paper in more detail!

Med venlig hilsen / Best Regards  
Jesper Hermansen

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**From:** Thorkild I.A. Sørensen <tias@sund.ku.dk>  
**Sent:** 1. februar 2022 22:11  
**To:** Daniel Alberto Sepúlveda Estay <daniel.alberto.sepulveda.estay@regionh.dk>; Christian Michel Sørup <christian.michel.soerup@regionh.dk>  
**Cc:** Jesper Hermansen <jesper@nordicco.eu>  
**Subject:** RE: SD-Vent Model paper draft.v220201

Dear Daniel & Christian, cc to Jesper

Thanks you very much for this draft. I have screened through it, and realize that it is getting far beyond through what I have done so far and can contribute with to make it fair and reasonable that I remain as co-author. It may be far more appropriate to include Jesper as co-author, representing the idea of using UV light this way, together with whoever has been involved from Technological Institute n testing the device. I am happy to see how you have worked with the generic idea that I still want to promote mainly politically, it at all possible, to remove or inactivate the microbes, whether Corona virus or any other airborne microbes, in the inhaled air. I kindly request that you move me from the position as co-author down to Acknowledgement. If I succeed in raising the interest in a broad conference or similar, I would be very happy to encourage your involvement based on this good work. Good luck in finalizing the paper.

Mange hilsner  
Best wishes  
Thorkild IA Sørensen  
+45 93565934

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**From:** Daniel Alberto Sepúlveda Estay <[daniel.alberto.sepulveda.estay@regionh.dk](mailto:daniel.alberto.sepulveda.estay@regionh.dk)>  
**Sent:** 1. februar 2022 11:18

**To:** Thorkild I.A. Sørensen <[tias@sund.ku.dk](mailto:tias@sund.ku.dk)>; Jesper Hermansen <[jesper@nordicco.eu](mailto:jesper@nordicco.eu)>

**Cc:** Christian Michel Sørup <[christian.michel.soerup@regionh.dk](mailto:christian.michel.soerup@regionh.dk)>

**Subject:** SD-Vent Model paper draft.v220201

Dear Thorkild and Jesper,

I attach the current version v220201 of the a paper describing the model, and proposing a paper structure for your review and comments. Some indications:

- 1.- The contents page (page 1) is only temporary and will be absent from the final version. It is included only as a reflection of the paper structure.
- 2.- The paper will be directed towards the SEPS- Socio Economic Planning Sciences Journal (<https://www.journals.elsevier.com/socio-economic-planning-sciences>)
- 3.- The paper has been advanced mainly in the description of the model and a structure has been proposed.
- 4.- The next steps in the paper development are
  - a.- Model Validation , both Formal and comparison with Empirical and FEM Studies (Daniel)
  - b.- Model Application (Christian)

We highly welcome your input and comments with respect to any aspect of the paper.

Looking forward to your comments.

Med venlig hilsen / Best regards

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**Daniel Sepulveda Estay**

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