1. I would put slide 6 before slide 5 (excluding "In this talk"). I think it's better to explain space time dependencies first and different areas of research and then introduce your focus.
2. Slide 6 is a bit busy - use keywords rather than full sentences?
3. Maybe stick to either disease surveillance or epidemiological surveillance for coherence?
4. Slides 8-9: not sure why there are two separate lists as all of them are objectives of disease surveillance. Maybe in the second list you could include more specific examples/studies?
5. Slide 10: Better "Bayesian or frequentist"? Also, make it clearer that you focus on the model-based approach (e.g highlight advantages)
6. Slides 11-15: I would make it clearer that the model on pg.12 is the HET model accounting for heterogeneity only, I would add one more slide with the CAR model accounting for spatial dependence only, and then the model on pg.14 is the BYM model accounting for both. So they can be linked to the maps on pg.15.
7. Slide 22: I have added in my own presentation at the bottom that posterior pit estimates are used to classify observations as common and unusual.
8. Slide 31: What is CHD?
9. Slide 31: I would mention what the new parameters represent in the model (Xib + Cibc)
10. Slide 32: “PM10” instead of “cut points” in the table? Also it would be good to add an extra line, maybe pop-up, with what residual confounding is/when it usually occurs.
11. Slide 36(1): I spent some time here. It would be good to write down what each parameter represents. Is gk the link function? Is this different for each confounder? What is \mu\_ik? Shouldn't this be Mik? Why d\_i instead of just i? Don't we also need a parameter for overdispersion in the model?
12. Slide 36(2): EPS is I guess Ecological Propensity Score? Maybe mention it the first time you use it.
13. Slide 39: Is EPS adjustment ignoring M but including C and EPS imputation including both? What area-level and individual-level confounders were there used? I don't know if all this information is needed but I think it would help understand.
14. slide 3: I don't think you need to define epi at all --- just go with environmental epi straight away...
15. slide 4: I don't think you need  the text repeating the title --- just have the bullet points
16. slide 6: again, why do you need the first bullet point, which is just some sort of repetition of the title?
17. slide 11: inconsistency in SMR (once italics, once normal)
18. slide 20: can you make the map bigger?
19. slide 21: for consistency typeset O\_i and E\_i in maths not \mbox
20. slide 24: can you make the map bigger?
21. slide 47: use $\top$ instead of $^T$ to mean transpose
22. slide 52; space after Anna Hansell