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graph LR; A[Broad scoping and module breakdown  
Section 2] --> B[Development of each simulation module  
Section 3]; B --> C[Validation and runtime benchmarking  
Section 4]; C --> D[Application of model to yield problem insights  
Section 5];
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Broad scoping and
module breakdown

Section 2

**Development of
each simulation
module**

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**Validation and
runtime
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Section 4

**Application of
model to yield
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Section 5