Model Standardization is Good for Focusing the Community.

On a Sustained Evolution of Improvements for the Future

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A Standard Model can be used by anybody who wants to improved and must be a good model.

Two requirements to maintain the Standard Model:
(1) bug-fixing and support for users
(2) incorporate all good new improvement ideas into the source code

Huge Work-Load Sharing, Coordination and Fair Crediting Problem
Model Requirements and Development Facts

● Models are required immediately after or during technology development.

● Model development takes a lot of time:
  90% of the model is ready within 1 year.
  The rest, fine tuning and debugging requires often many years.

Possibilities for Situation Improvement

● Enable Absorption of many Model Development Ideas
  disclose model source codes

● Intensive Engaged Collaboration
  suitable funding system

● Long Term Efficiency
  fair crediting of contributors
Ideal Situation

Parallel Interactive Development of Model Generations

- Standard Model
- Next Standard Model
- Future Standard Model

✧ Targets have to be jointly clarified for each generation.
✧ All model developers have to contribute to the maintenance and user-support work load.
✧ Several cooperative development centers, to enhance the variety of ideas.