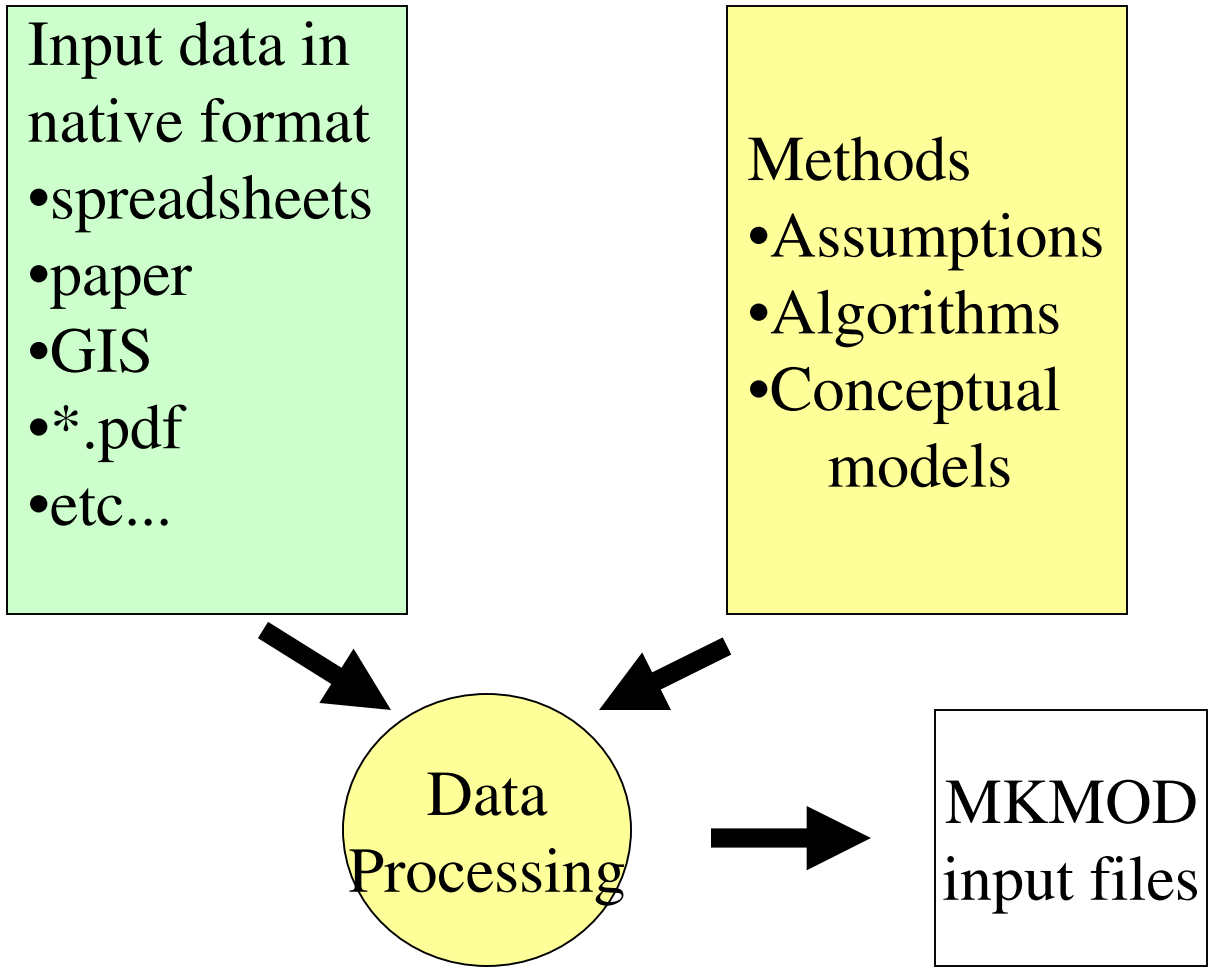
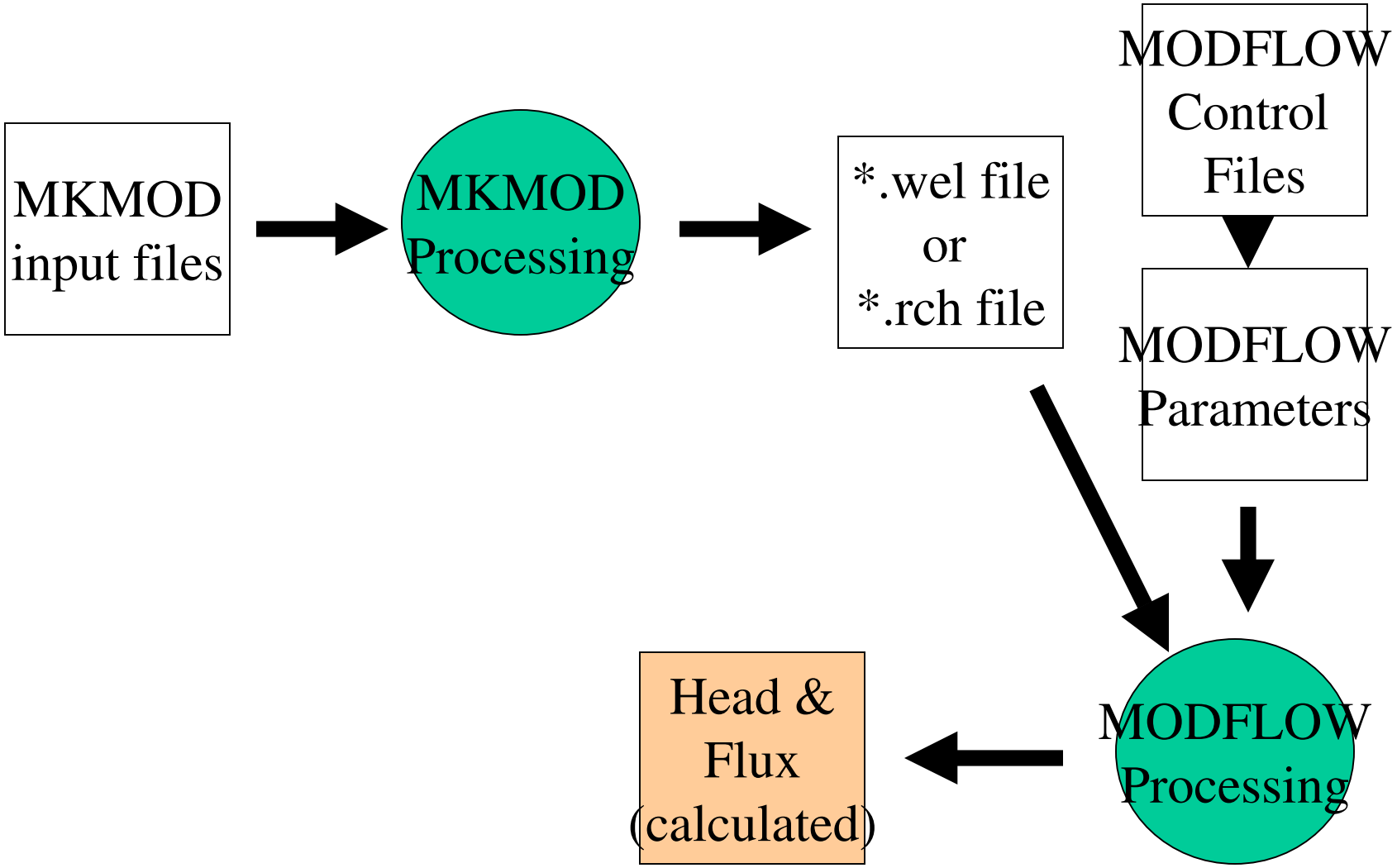
ESPAM2 Training Session(s)

ESHMC 21 September 2010. B. Contor

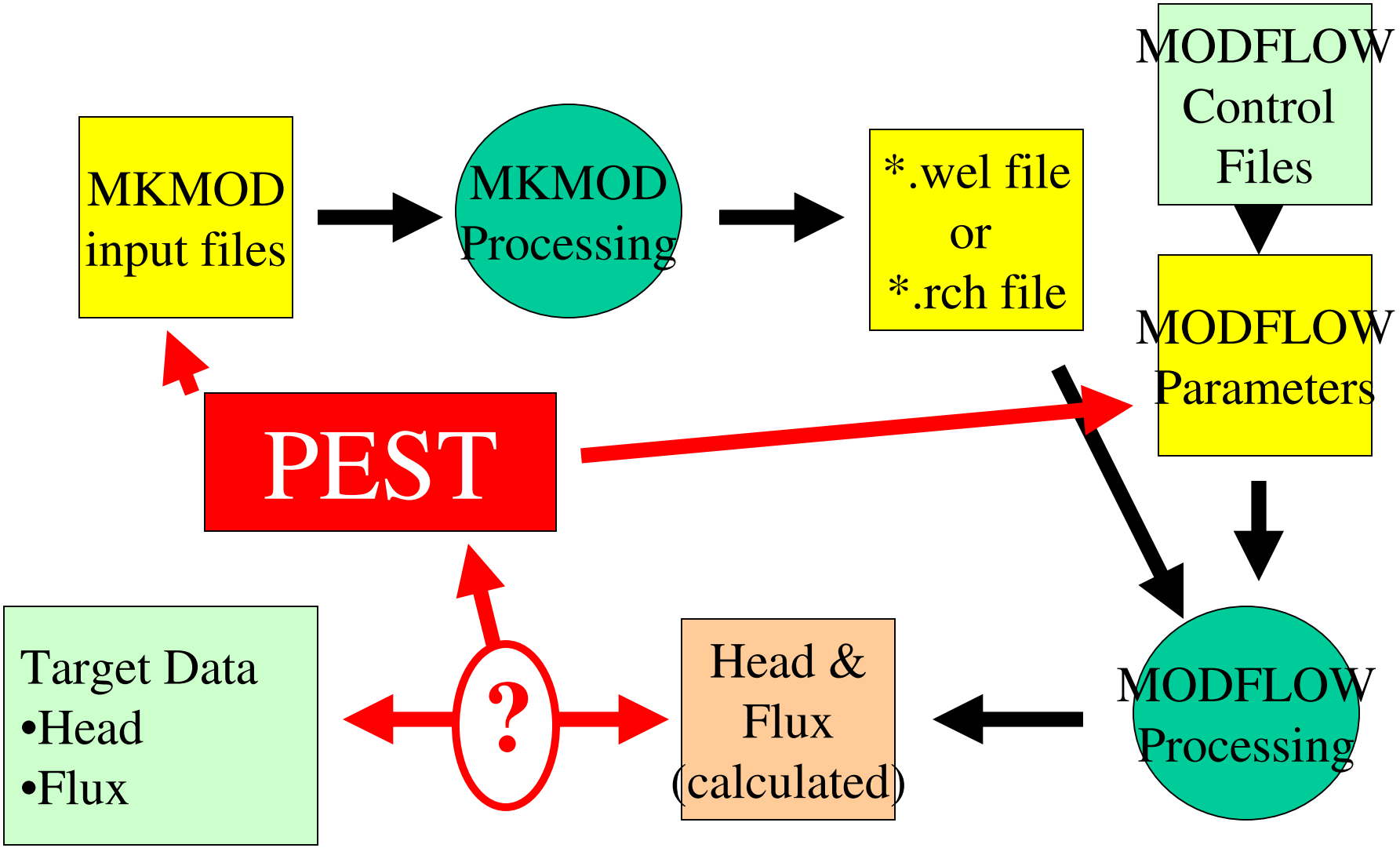
Overview of the Process (1)



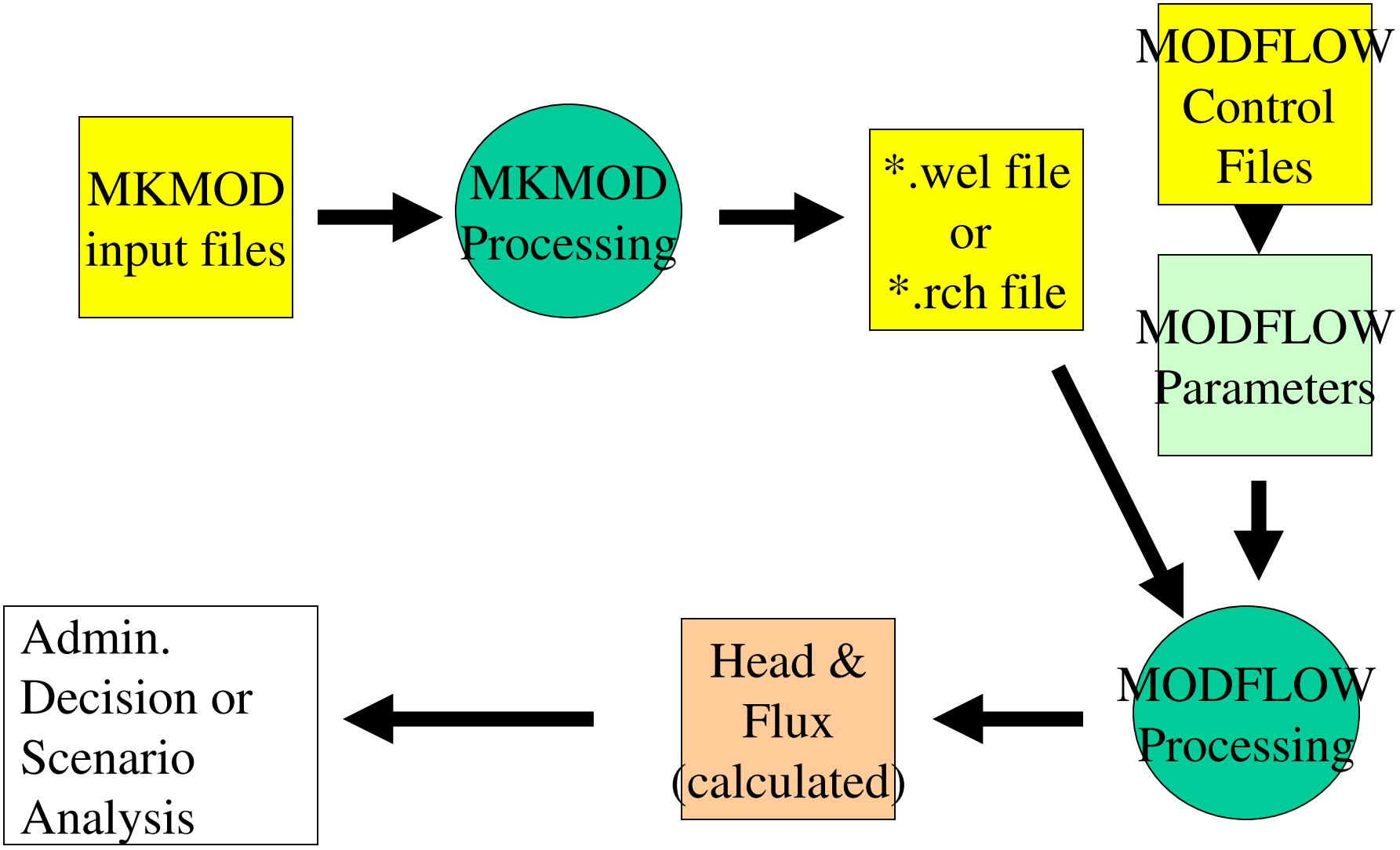
Overview of the Process (2)



Overview of the Process (3)



Overview of the Process (4)

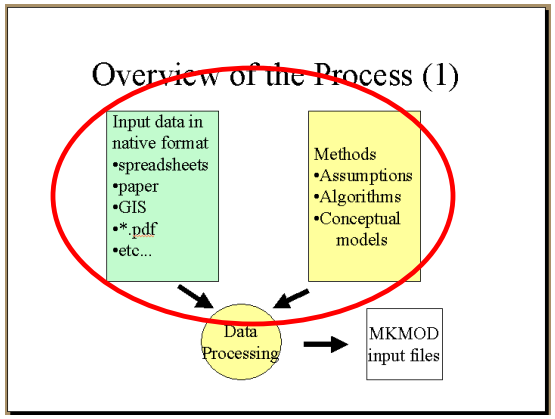


Four Potential Purposes

- Full Transparency of Water Budget
- How to build input files for MKMOD
  (so we can make our own scenarios)
- How to run MKMOD and MODFLOW
  (so we can run our own scenarios)
- How to summarize the data & output
  (so we know what we done)

Full Transparency of Water Budget

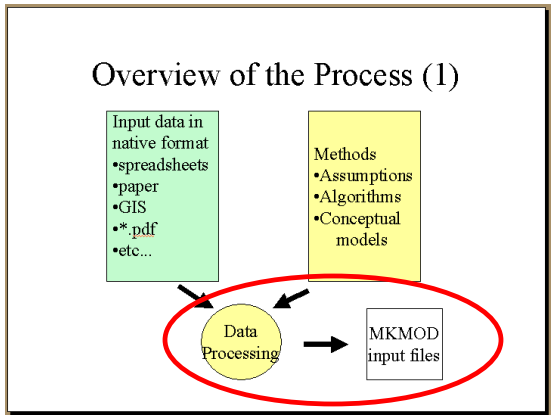
- What?
  - input data
  - assumptions
  - algorithms
  - calculation methods



- Who?
  - Bryce and Stacey
- When?
  - Any time, but winter is better
- Time commitment?
  - 2 days in person, or 4 afternoons via GoToMeeting or similar

Building Input for MKMOD

- Option 1: Contor Pet Grade* methods & tools

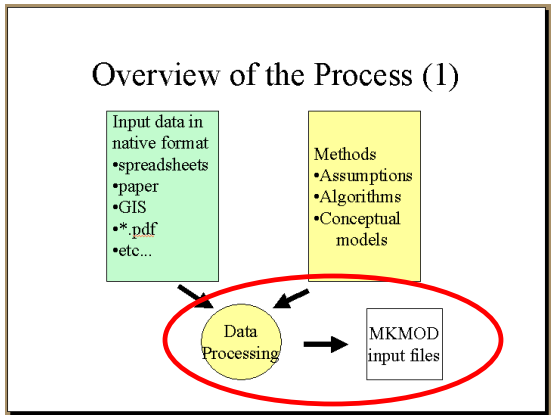


*(not fit for human consumption)

- Who?
  - Bryce
    (& Allan for *.eff file)
- When?
  - Anytime, but winter is better
- Time commitment?
  - 2-3 afternoons

Building Input for MKMOD (2)

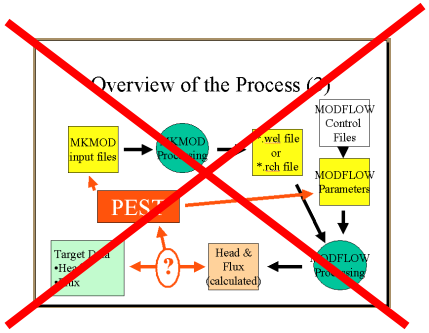
- Option 2: IDWR Professional Grade tools



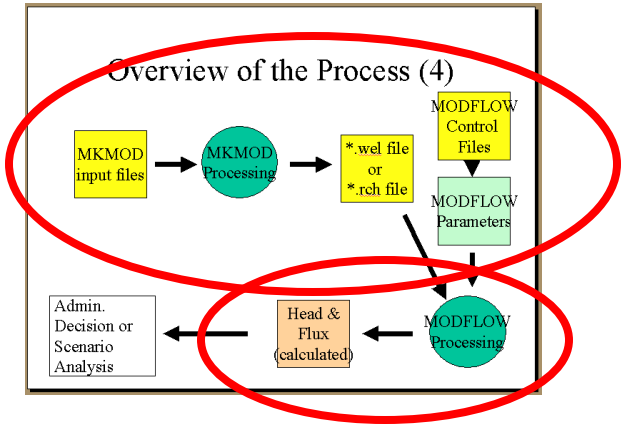
- Who?
  - IDWR
- When?
  - Preferably after the tools are built
  - Also requires rebuild of MKMOD (maybe)
- Time commitment?

Running MKMOD & MODFLOW

- What?
  - Use MKMOD to create *.wel file
  - Set up all the other MODFLOW input files
  - Use utilities to extract output (heads & fluxes)



- Who?
  - Allan & Willem
- When?
- Time Commitment?



Summarization and Review

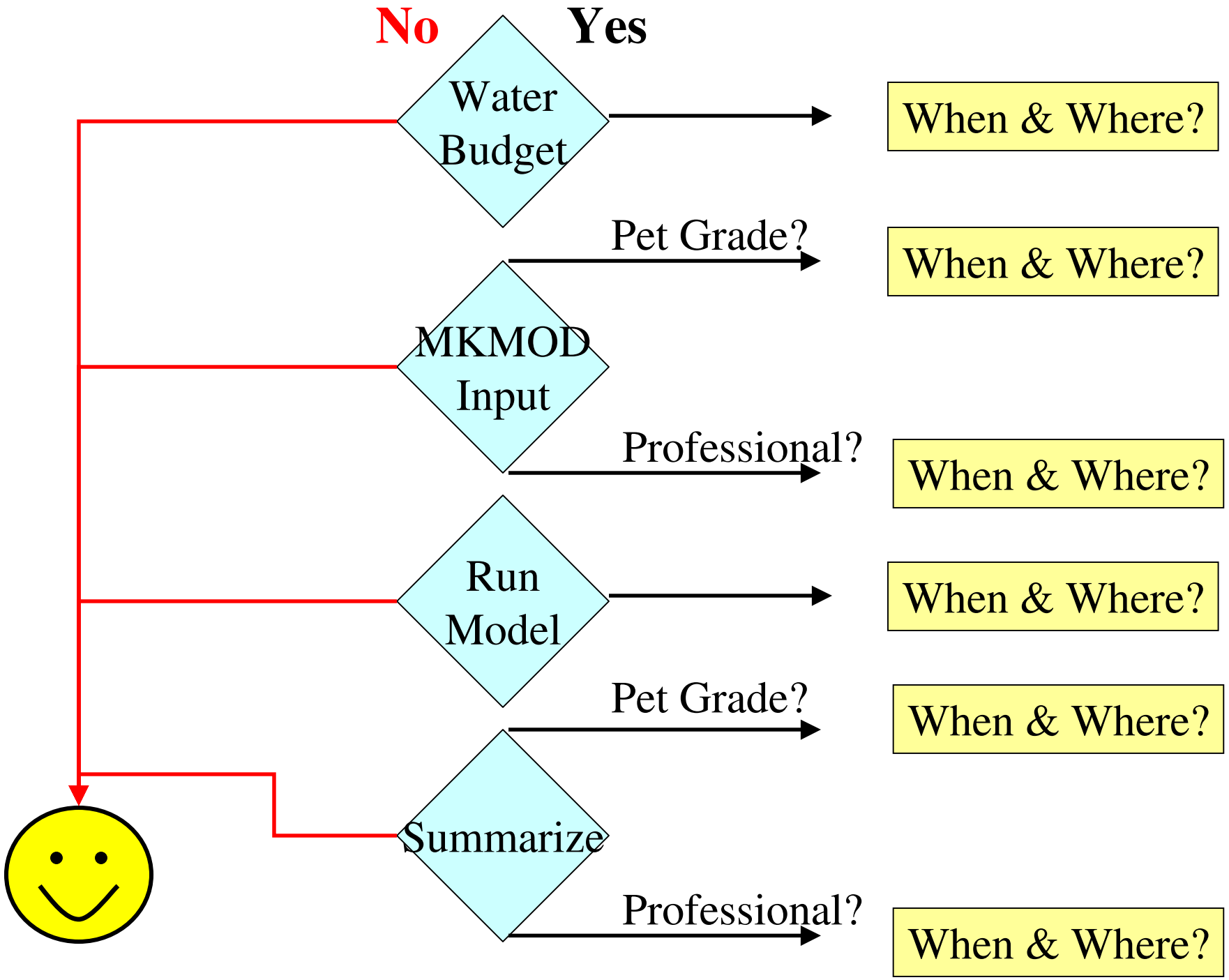
- Option 1: Contor Pet Grade tools and methods, combined w/ existing MKMOD output

- Who?
  - Bryce & Willem
- When?
  - After MKMOD/ MODFLOW
- Time Commitment?
  - 2 afternoons

Summarization and Review

- Option 2: IDWR Professional-grade tools

- Who?
  - IDWR
- When?
  - After MKMOD/ MODFLOW
  - Preferably after tools are built
- Time Commitment?


No
Yes
Water Budget
When & Where?
Pet Grade?
When & Where?
MKMOD Input
Professional?
When & Where?
Run Model
When & Where?
Pet Grade?
When & Where?
Summarize
Professional?
When & Where?

LABOR
RATE
$ 40 HR.
$120
IF YOU WATCH
$240
IF YOU HELP